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NEW HAMPSHIRE

vital statistics 1983

the state center for health statistics

NEW HAMPSHIRE BUREAU OF VITAL RECORDS AND HEALTH STATISTICS
- THE STATE CENTER FOR HEALTH STATISTICS -

OFFICE OF INFORMATION SERVICES — DIVISION OF PUBLIC HEALTH SERVICES

- List of Data/Statistics Reports -

VITAL EVENTS: BIRTHS, DEATHS, MARRIAGES, DIVORCES — Data Year(s)

- o New Hampshire Annual Vital Statistics Report ..... Each Year: 1880-1982
- o One Hundred Years of Births, Marriages, Divorces, and Deaths 1880-1979
- o Suicide: New Hampshire Residents ..... 1970-1979 with updated tables to 1982
- o Age-Adjusted Death Rates for Diseases of the Heart, Cancer and Cerebrovascular Diseases, N.H. & N.H.Counties ..... 1970 and 1980
- o Summary of Report: Age Adjusted Death Rates, N.H. Residents ..... 1970 and 1980
- o Special Data Report: Resident Maternal and Infant Conditions Reported in the Medical Sections of the Birth Certificate, N.H. 1982

HEALTH FACILITIES

- o Hospitals, New Hampshire ..... Each Year: 1979, 1980 1981, 1982
- o Nursing and Related Homes, New Hampshire 1979

HOSPITAL IN-PATIENT DISCHARGES

- o UHDDS Data Program: Some Preliminary Information for Hospital Discharges, New Hampshire 1981
- o Summary: In-Patient Discharges from 27 General Hospitals, New Hampshire 1981-1982

HEALTH PROFESSIONALS

- o Selected Health Professionals in New Hampshire (Pharmacists, Physical Therapists and Podiatrists) 1978
- o Active Optometrists in New Hampshire 1978
- o Physicians in New Hampshire 1980
- o Dentists in New Hampshire 1980
- o Dental Hygienists in New Hampshire 1980
- o Registered Nurses and Practical Nurses Licensed by the State of N.H. 1979-1981

GENERAL

- o Taking Personal Risks with Health: Report of a Health Risk Factor Survey, New Hampshire 1982

SPECIAL REPORTS, DIVISION PROGRAMS (DATA TABULATIONS ONLY, NO TEXT)

- o Quarterly newborn report (features births by selected characteristics and by Hospital) 1983
- o Rankings of MCH Service Areas by Selected Birth & Population Characteristics 1982

VITAL STATISTICS REPORT FOR THE STATE OF NEW HAMPSHIRE, 1983

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REQUESTS FOR DATA

In addition to the statistics and data appearing in this report, the Bureau has additional information available upon written request and will make every effort to comply with requests for data within its limitations of staff and resources.

Please direct all requests for data to:

Bureau of Vital Records/Health Statistics
Division of Public Health Services
Health and Welfare Building
Hazen Drive
Concord, New Hampshire 03301

JULY, 1984

INTRODUCTION

This report is a statistical summary of vital events in New Hampshire for the calendar year of 1983. Data concerning births, deaths, marriages and divorces are presented. Interpretations of these data should take the following information into account.

Under-Registration of Events: While under-registration can occur, it can be considered a minimal problem in New Hampshire. The number of reports of events received too late for inclusion in annual summary statistics is not statistically significant when state-wide patterns are examined.

Geographic Allocation of Events: Geographic allocation is based on the reported residence or on the reported place of occurrence of an event. Every effort is made to be as accurate and as complete as possible in allocating an event. For births, infant deaths and fetal deaths, residence denotes the mother's usual residence. For deaths, the decedent's usual residence is used. For marriage and divorce, the data refer to New Hampshire occurrences only since there is no exchange of information for these events among states.

Comparability in Cause-of-Death Statistics: Two major factors affect the interpretation and comparability of cause-of-death statistics over time. They are changes in the scheme for classifying the causes and changes in diagnostic practices.

The classification scheme, the International Classification of Diseases (ICD), is modified approximately once every ten years to reflect changes in medical opinion and practices. The most recent revision, the ninth, was issued in 1978. Cause of death statistics in this 1983 report reflect the use of this ninth revision of the ICD.

To compare mortality statistics from one revision of the ICD to the next it is necessary to use "comparability ratios". Comparability ratios provide a measure of how much discontinuity exists in the mortality data resulting from the introduction of a new revision for the ICD. Such ratios are developed by comparing the number of deaths assigned to a cause, or group of causes in the previous revision to the number assigned in the next revision.

Underlying Cause of Death Data: Cause of death data have been classified using the automated system known as ACME (Automated Classification of Medical Entities). The system provides for computer assignment of the underlying cause of death in accordance with decision rules specified in a computer program. The rules are the same as those applied by nosologists in assigning underlying causes of death.

Nosologist application of the rules may sometimes contain error. ACME is said to eliminate this avenue of error since the exact same criteria are applied in every case in the machine process.

Interpreting Rates: A number of points should be kept in mind when examining rates.

Rates based on small numbers of events usually exhibit considerable variation. Such variation substantially limits the usefulness of rates as estimators of the probability of the occurrence of an event and their utility in making comparisons.

Unadjusted rates are not reliable for drawing definitive conclusions when comparing different areas since they do not take into account various factors which may influence the rate such as age, sex and occupation. For example, one should not assume that a rate difference between two areas for cardiovascular disease is significant where no adjustment for the age distributions in these areas has been made, since cardiovascular mortality rises with advancing age.

Where a rate difference appears to be significant, extreme care should be exercised in attributing the difference to any particular factor or set of factors. There are many variables which can influence rates and establishing a valid interpretation of the reason(s) for a rate difference requires substantial data and exacting analysis.

NOTE: All 1983 U.S. rates appearing in this report are provisional.

Vital Events Summary 1983

TABLE 1 SUMMARY VITAL STATISTICS, NEW HAMPSHIRE, 1983

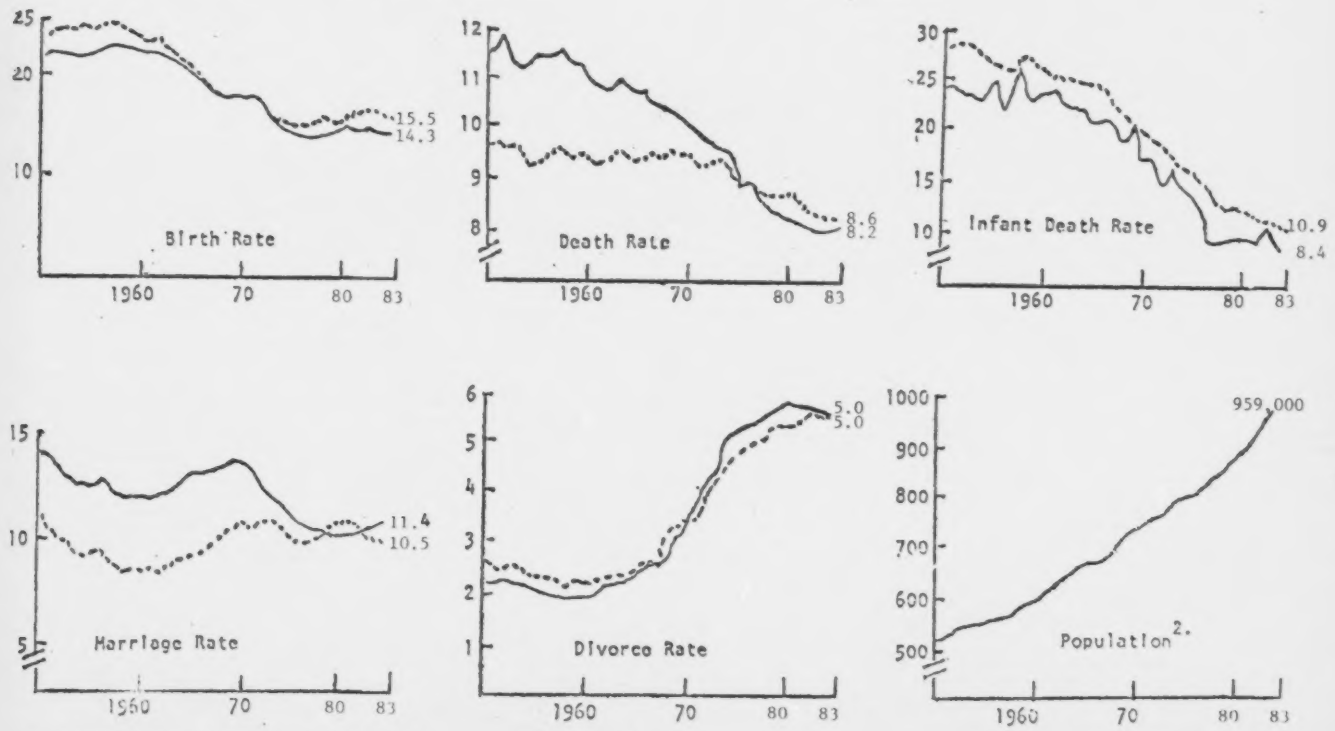
EVENT	RESIDENT NUMBER[1]	RESIDENT RATE[2]	OCCURRENCE NUMBER	OCCURRENCE RATE[2]
Births	13,680	14.3 per 1000 pop.	13,679	14.3 per 1000 pop.
Deaths	7,902	8.2 per 1000 pop.	7,709	8.0 per 1000 pop.
Infant Deaths	115	8.4 per 1000 live births	87	6.4 per 1000 live births
Fetal Deaths	72	5.2 per 1000 live births & fetal Dths.	82	6.0 per 1000 live bths. & fetal dths.
Marriages[3]	--	--	10,971	11.4 per 1000 pop.
Divorces [3,4]	--	--	4,805	5.0 per 1000 pop.

Resident Natural Increase: 5,778
Resident Rate of Natural Increase: 6.0 per 1,000 population
1983 Estimate of State Population: 959,000 on July 1, 1983.

1. Residence for births, infant deaths and fetal deaths is usual residence of mother.
2. Rates calculated using Federal-State Cooperative population estimate of 959,000 for 1983.
3. Marriage and divorce information is for occurrences within New Hampshire only.
4. Divorces include legal separations and annulments.

Trends

New Hampshire and the U.S., 1960-1983[1.]



1. Birth, Death, Divorce, Marriage Rates: per 1,000 population. Infant Death Rate: per 1,000 live births.

2. Population in thousands

FOURTEEN YEAR SUMMARY, 1970-1983

RESIDENT BIRTHS

During the first half of the seventies, the resident birth rate declined from 18.3 in 1970 to 13.6 in 1976. In the latter half of the seventies, the rate increased gradually and reached 14.9 in 1980. Thus far, subsequent rates in the early eighties have been below the 1980 level and in 1983 the number of births per 1,000 population was 14.3.

RESIDENT DEATHS

Throughout the seventies the resident death rate decreased almost steadily, declining from 10.2 deaths per 1,000 population in 1970 to 8.4 in 1979. Thereafter, the rate decreased further until it reached 8.0 in 1982, the lowest death rate of record for the state. In 1983 the rate increased from the previous year's record low and was 8.2 deaths per 1,000 population.

MARRIAGES

The marriage rate was in decline throughout the seventies and into 1980 when it was at its lowest level of 10.0 for the 1970-1980 period. Since then marriages per 1,000 population have been increasing and the rate for 1983 is 11.4.

DIVORCES

During the seventies, the divorce rate continued a long upward trend reaching a record high of 5.9 in 1979. Since the advent of the eighties, the number of divorces per 1,000 population has been decreasing and the 1983 rate is 5.0.

TABLE 2 FOURTEEN YEAR VITAL EVENTS[1] SUMMARY: NUMBERS AND RATE,[2] NEW HAMPSHIRE, 1970-1983

YEAR	Mid-Year Population[3]	Live Births		Deaths (except fetal)		Infant Deaths		Neonatal Deaths		Fetal Deaths		Maternal Deaths		Out-of-Wedlock Births		Marriages		Divorces	
		Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1970	742,000	13,506	18.3	7,341	10.2	234	18.1	171	13.3	131	10.2	3	2.2	879	65.1	10,006	13.6	2,478	3.4
1971	758,000	13,302	17.6	7,449	10.1	227	17.0	175	13.2	121	9.1	2	1.5	761	57.2	9,771	13.2	2,973	4.0
1972	774,000	12,133	15.7	7,502	9.7	178	14.7	123	10.1	105	8.6	1	0.8	829	68.3	9,752	12.6	3,229	4.2
1973	794,100	11,545	14.6	7,527	9.5	190	16.5	146	12.6	76	6.6	0	0.0	765	66.3	9,570	12.1	3,911	4.9
1974	807,800	11,613	14.4	7,708	9.5	163	14.0	121	10.4	89	7.6	1	0.9	804	69.2	9,239	11.4	4,088	5.1
1975	812,000	11,101	13.6	7,206	8.8	150	13.5	114	10.6	80	7.2	0	0.0	920	82.9	8,831	10.8	4,263	5.2
1976	822,000	11,186	13.6	7,375	9.0	128	11.4	101	9.0	79	7.0	1	0.9	946	84.6	8,550	10.4	4,322	5.3
1977	849,000	12,074	14.2	7,214	8.5	114	9.4	90	7.5	72	5.9	2	1.7	1,035	85.7	8,902	10.5	4,458	5.3
1978	871,100	12,386	14.2	7,304	8.4	124	10.0	95	7.7	68	5.5	0	0.0	1,193	96.3	9,121	10.5	4,766	5.5
1979	886,200	12,828	14.5	7,418	8.4	133	10.3	97	7.6	103	8.0	0	0.0	1,298	101.2	9,107	10.3	5,269	5.9
1980	920,610	13,715	14.9	7,594	8.2	135	9.8	102	7.4	66	4.8	0	0.0	1,498	109.2	9,251	10.0	5,254	5.7
1981	936,000	13,487	14.4	7,662	8.2	132	9.7	85	6.3	87	6.4	0	0.0	1,541	114.2	9,987	10.7	5,288	5.6
1982	951,000	14,059	14.8	7,600	8.0	155	11.0	120	8.5	87	6.2	2	1.4	1,730	123.1	10,584	11.1	5,045	5.3
1983	959,000	13,680	14.3	7,902	8.2	115	8.4	78	5.7	72	5.2	0	0.0	1,647	120.4	10,971	11.4	4,805	5.0

1. Live Births, Deaths, Infant Deaths, Neonatal Deaths, Fetal Deaths and Maternal Deaths are by residence. Marriages and divorces are by occurrence.
2. Birth, Death, Marriage and Divorce rates: per 1,000 population. Infant death, Neonatal death and Out-of-Wedlock birth rates: per 1,000 live births.
   Maternal death rate: per 10,000 live births Fetal death rate: per 1,000 live births plus fetal deaths.
3. Estimated for 1970-1979. U.S. Census final state population for 1980. 1981: Provisional Estimates from the U.S. Bureau of the Census. 1982 estimate based on federal-state cooperative estimate as of July 1, 1982.

-POPULATION -

The 1983 state population was estimated to be 959,000 as of July 1, 1983.* This estimate reflects additional population of 8,000 and represents an increase of less than one percent from the previous year, 0.8 percent.

The amount of natural increase for 1983 (the excess of births over deaths) was 5,778 and the rate of natural increase was 6.0 per 1,000 population.

Of the additional population (8,000), 72.2 percent is attributed to natural increase while 27.8 percent is assigned to in-migration.

As Table 3 below shows, a lower percentage of population growth in the eighties thus far (53.0 percent) is assignable to in-migration compared to the seventies (67.9 percent).

TABLE 3. POPULATION CHANGE, NEW HAMPSHIRE, 1950-1983

TIME PERIOD	AMOUNT OF POPULATION CHANGE	COMPONENTS OF NATURAL INCREASE		AMOUNT NATURAL INCREASE	% CHANGE ASSIGNED TO: NATURAL INCREASE	% CHANGE ASSIGNED TO: IN-MIGRATION
		BIRTHS	DEATHS			
1950-1959	+ 62,758	124,652	63,484	61,168	97.5	2.5
1960-1969	+117,079	132,151	70,914	61,237	52.3	47.7
1970-1979	+148,519	121,674	74,043	47,631	32.1	67.9
1980-1983	+ 38,390	41,226	23,164	18,062	47.0	53.0

* 1983 Federal-State cooperative estimate, New Hampshire Office of State Planning.

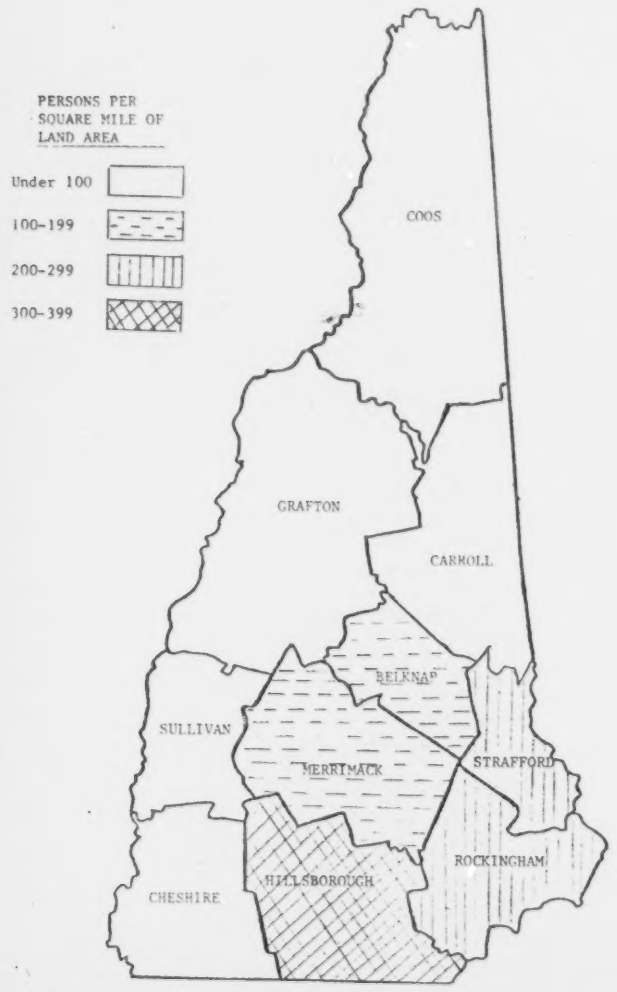
Table 4 below presents population, population change and density by county from 1960 to 1983 while the maps illustrate levels of population density and urban population by county.

TABLE 4 POPULATAION PERCENT CHANGE AND DENSITY BY COUNTY, NEW HAMPSHIRE 1960-1980 and 1980-1983

COUNTY	POPULATION[1]				PERCENT CHANGE			DENSITY[2]			
	1960	1970	1980	Est. 1983	1960-1970	1970-1980	1980-1983	1960	1970	1980	1983
Belknap	28,912	32,367	42,884	44,626	12.0	32.5	4.1	72.1	80.7	106.9	111.2
Carroll	15,829	18,548	27,931	28,893	17.2	50.6	3.4	17.0	19.9	29.9	30.9
Cheshire	43,342	52,364	62,116	64,392	20.8	18.6	3.7	60.4	73.0	86.6	89.8
Coos	37,140	34,291	35,147	35,568	-7.7	2.5	1.2	20.3	18.7	19.2	19.4
Grafton	48,857	54,914	65,806	67,400	12.4	19.8	2.4	28.5	32.0	38.3	39.3
Hillsborough	178,161	223,941	276,608	288,216	25.7	23.5	4.2	200.2	251.6	310.8	323.9
Merrimack	67,785	80,925	98,302	101,858	19.4	21.5	3.6	72.8	86.9	105.5	122.5
Rockingham	99,029	138,951	190,345	201,825	40.3	37.0	6.0	143.4	201.1	275.5	292.2
Strafford	59,799	70,431	85,408	88,689	17.8	21.3	3.8	158.7	186.9	226.6	235.7
Sullivan	28,067	30,949	36,063	37,534	10.3	16.5	4.1	52.3	57.7	67.2	69.9
STATE:	606,921	737,681	920,610	959,000	21.5	24.8	4.2	67.3	81.7	102.0	106.3

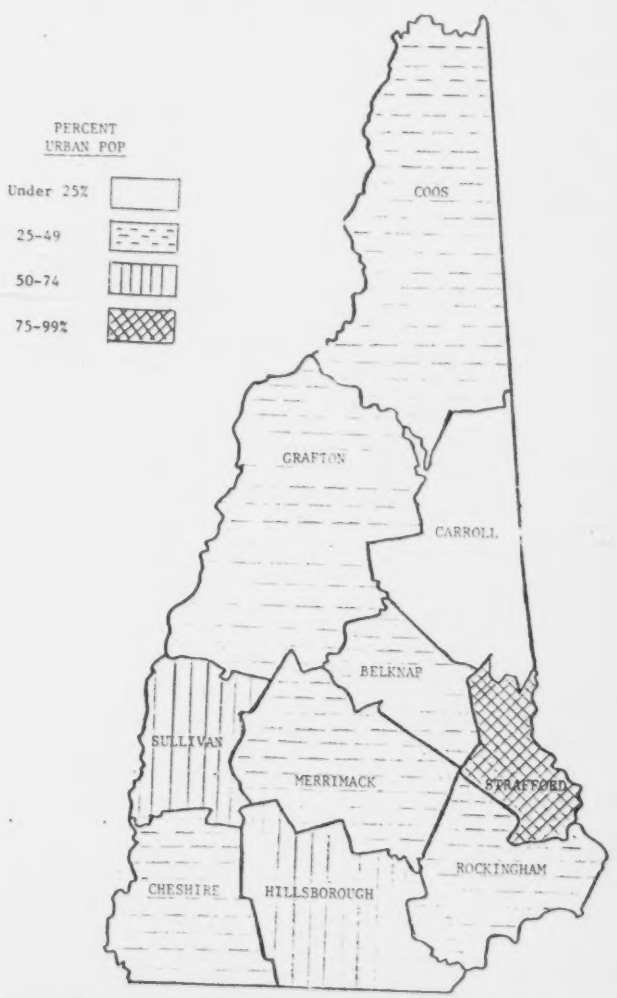
1. 1960, 1970, 1980 state and county population from U.S.Census counts. 1983 state population is a federal-state cooperative estimate, N.H. Office of State Planning. 1983 county populations were estimated using state level estimate for 1983.
2. Number of persons per square mile of land area.

POPULATION DENSITY BY COUNTY, NEW HAMPSHIRE, 1983*



*Based on population estimated for counties using federal-state cooperate estimate of the state population for 1983.

PERCENT URBAN POPULATION BY COUNTY, NEW HAMPSHIRE*



*According to 1980 census of population and U.S. census bureau definition of urban population.

U.S.Census Bureau Provisional Estimates of the 1983 State Population by Age

Table 5 provides provisional estimates of the age distribution of the population and estimates of the amount of change between 1980 and 1983, for age groups. As the table indicates, growth of the adult group 35-44 years was very substantial at 20.5 percent, a result of the "aging of the baby boomers". Other significant increases took place in the youngest age group, under 5 years, which grew by 8.8 percent and the oldest, 65 and over with an increase of 7.8 percent.

Three age groups declined, among them the school-age population which decreased by 6.1 percent.

TABLE 5 NUMBER AND PERCENT DISTRIBUTION OF THE POPULATION BY AGE
NEW HAMPSHIRE, 1980 nd 1983[1]

Age Group	- Population - Census Count 1980 No.	%	Prov. Est. 1983 No.[2]	%	Est. % Change '80-'83
Under 5 yrs.	62,512	6.8	68,000	7.1	8.8
5-14	144,760	15.7	136,000	14.2	-6.1
15-24	171,400	18.6	170,000	17.7	-0.8
25-34	157,396	17.1	168,000	17.5	6.7
35-44	107,028	11.6	129,000	13.5	20.5
45-54	90,121	9.8	90,000	9.4	-0.1
55-64	84,426	9.2	86,000	9.0	1.9
65 & over	102,967	11.2	111,000	11.6	7.8
ALL AGES	920,610	100.0	959,000	100.0	4.2

1. Resident population, including members of the Armed Forces. Based on U.S.Bureau of Census 1980 census and 1983 estimates of N.H. population by age. See Current Population Reports: Population Estimates and Projections, Series P-25, No. 951 issued May 1984.
2. Rounded estimates, as published by Census Bureau.

U.S.Census Bureau Provisional Projections of the State Population, 1990 and 2000

Provisional projections of the state populations by age and sex for 1990 and 2000 prepared by the Census Bureau are shown in Table 6. These projections assume a) small decreases in mortality b) small increases in fertility c) continuation of 1970-1980 rates of net migration and are presented for working purposes. They should not be confused with forecasts nor be considered definitive.

TABLE 6 PROJECTIONS OF THE RESIDENT POPULATION BY AGE AND SEX,
NEW HAMPSHIRE, 1990 and 2000[1]

Age Group	- PROJECTION YEAR[2] - 1990 Both Sexes	Male	Female	2000 Both Sexes	Male	Female
All Ages	1,138,800	552,100	586,700	1,363,500	658,600	704,900
Under 5 yrs.	86,000	44,400	41,600	86,100	44,500	41,600
5-14	152,300	78,200	74,000	189,700	98,100	91,600
15-24	171,400	80,900	80,800	169,100	84,500	84,600
25-34	207,100	99,900	107,200	195,000	94,500	100,500
35-44	186,400	92,900	93,500	240,700	116,900	123,800
45-54	118,700	59,300	59,300	202,300	99,900	102,400
55-64	92,400	44,000	48,500	121,700	58,900	62,800
65-74	76,900	33,800	43,100	83,200	36,900	46,400
75 & over	57,300	18,700	38,700	75,700	24,500	51,200

1. As published by U.S.Census Bureau: Current Population Reports - Population Estimates and Projections, Series P-25, No. 937, August 1983.
2. Population as of July 1 and rounded to nearest hundred.

TABLE 7 POPULATION, BIRTHS, DEATHS & MARRIAGES BY COUNTY/TOWN, AND DIVORCES BY COUNTY, NEW HAMPSHIRE, 1983

COUNTY & TOWN	ESTIMATED POPULATION*	RESIDENT BIRTHS			RESIDENT DEATHS			RECORDED MARRIAGES	RECORDED DIVORCES
		TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE		
NEW HAMPSHIRE	959,000	13,680	7,018	6,662	7,902	4,127	3,775	10,971	4,805
BELKNAP	44,626	608	311	297	442	256	186	558	256
Alton	2,507	31	18	13	26	15	11	27	
Barnstead	2,598	34	14	20	15	8	7	16	
Belmont	4,463	59	33	26	38	21	17	31	
Center Harbor	913	13	7	6	4	2	2	18	
Gilford	5,021	41	21	20	32	21	11	66	
Gilmanton	2,129	35	17	18	20	13	7	16	
Laconia	15,804	231	121	110	187	95	92	230	
Meredith	4,778	59	30	29	52	28	24	50	
New Hampton	1,319	21	7	14	7	5	2	24	
Sanbornton	1,660	26	18	8	8	6	2	25	
Tilton	3,436	58	25	33	53	42	11	55	
CARROLL	28,907	385	191	194	284	144	140	473	121
Albany	440	3	2	1	3	2	1	5	
Bartlett	1,616	22	10	12	14	6	8	16	
Brookfield	402	5	1	4	9	1	8	0	
Chatham	189	0	0	0	2	1	1	1	
Conway	7,384	122	59	63	59	35	24	151	
Eaton	261	6	4	2	1	1	0	10	
Effingham	636	6	4	2	7	3	4	6	
Freedom	752	7	5	2	7	3	4	14	
Hart's Location	21	0	0	0	0	0	0	1	
Jackson	656	9	5	4	3	1	2	27	
Madison	1,157	10	6	4	8	5	3	13	
Moultonboro	2,191	26	12	14	28	17	11	21	
Ossipee	2,571	30	14	16	44	17	27	37	
Sandwich	915	9	2	7	7	4	3	17	
Tamworth	1,708	22	13	9	18	7	11	25	
Tuftonboro	1,532	17	8	9	11	10	1	13	
Wakefield	2,330	34	22	12	25	15	10	50	
Wolfeboro	4,146	57	24	33	38	16	22	66	
CHESHIRE	64,392	847	427	420	559	297	262	730	318
Alstead	1,490	23	9	14	12	6	6	7	
Chesterfield	2,712	43	19	24	22	14	8	23	
Dublin	1,463	18	10	8	10	5	5	17	
Fitzwilliam	1,799	25	17	8	22	11	11	25	
Gilsum	549	8	2	6	2	1	1	4	
Harrisville	909	11	6	5	8	7	1	8	
Hinsdale	3,687	41	19	22	26	14	12	32	
Jaffrey	4,464	76	33	43	51	28	23	45	
Keene	21,926	249	134	115	212	98	114	211	
Marlboro	1,877	34	19	15	14	8	6	36	
Marlow	581	8	4	4	4	2	2	1	
Nelson	463	7	2	5	5	1	4	2	
Richmond	609	9	1	8	3	2	1	7	
Rindge	3,614	65	33	32	13	7	6	139	
Roxbury	188	2	0	2	0	0	0	2	
Stoddard	500	4	1	3	6	4	2	4	
Sullivan	655	6	4	2	3	3	0	4	
Surry	651	8	4	4	3	2	1	8	
Swanzey	5,439	60	31	29	42	26	16	43	
Troy	2,331	38	17	21	21	14	7	29	
Walpole	3,244	29	18	11	22	16	6	34	
Westmoreland	1,518	16	9	7	22	11	11	14	
Winchester	3,724	67	35	32	36	17	19	35	
COOS	35,568	411	204	207	416	233	183	365	130
Berlin	13,047	137	65	72	160	99	61	100	
Carroll	678	7	1	6	10	6	4	18	
Clarksville	278	4	0	4	2	0	2	1	
Colebrook	2,767	40	26	14	25	16	9	43	
Columbia	741	6	5	1	4	2	2	3	
Dalton	627	4	1	3	6	4	2	3	
Dixville	40	0	0	0	0	0	0	2	
Dummer	377	2	0	2	1	1	0	0	
Errol	284	4	1	3	8	4	4	6	
Gorham	3,331	24	11	13	27	14	13	49	
Kilkenney	000	1	1	0	0	0	0	0	
Jefferson	826	13	4	9	4	3	1	5	
Lancaster	3,489	42	18	24	53	21	32	41	

TABLE 7, POPULATION, BIRTHS, DEATHS & MARRIAGES BY COUNTY/TOWN, NEW HAMPSHIRE, 1983

COUNTY & TOWN	ESTIMATED POPULATION*	RESIDENT BIRTHS TOTAL	RESIDENT BIRTHS MALE	RESIDENT BIRTHS FEMALE	RESIDENT DEATHS TOTAL	RESIDENT DEATHS MALE	RESIDENT DEATHS FEMALE	RECORDED MARRIAGES	RECORDED DIVORCES
COOS (Cont'd)									
Milan	1,081	16	6	10	7	5	2	15	
Northumberland	2,479	28	18	10	27	13	14	25	
Pinkham's Grant	32	0	0	0	0	0	0	1	
Pittsburg	825	10	4	6	10	4	6	6	
Randolph	268	5	4	1	2	2	0	2	
Shelburne	313	4	3	1	2	1	1	4	
Stark	517	3	2	1	6	5	1	2	
Stewartstown	960	12	7	5	26	11	15	4	
Stratford	941	13	7	6	7	5	2	13	
Whitefield	1,739	35	19	16	29	17	12	24	
Uninc.(Atkin.Gilman)	---	1	1	0	0	0	0	0	
GRAFTON	67,400	869	461	408	548	297	251	733	299
Alexandria	808	14	7	7	3	1	2	8	
Ashland	1,791	31	14	17	11	4	7	16	
Bath	776	10	9	1	4	1	3	4	
Benton	325	0	0	0	3	1	2	1	
Bethlehem	1,699	27	17	10	16	9	7	20	
Bridgewater	673	8	3	5	7	4	3	5	
Bristol	2,298	26	13	13	22	13	9	28	
Campton	1,786	31	17	14	7	4	3	20	
Canaan	2,586	41	22	19	25	14	11	26	
Dorchester	253	2	1	1	0	0	0	3	
Easton	121	5	3	2	1	0	1	2	
Ellsworth	51	1	0	1	0	0	0	3	
Enfield	3,311	61	32	29	21	13	8	24	
Franconia	709	9	3	6	8	6	2	20	
Grafton	796	18	11	7	6	4	2	6	
Groton	264	7	3	4	1	1	0	5	
Hanover	9,376	44	26	18	37	20	17	96	
Haverhill	3,575	43	23	20	52	27	25	48	
Hebron	325	6	3	3	1	1	0	7	
Holderness	1,544	16	7	9	12	8	4	27	
Landaff	265	3	3	0	6	4	2	1	
Lebanon	11,344	191	97	94	105	52	53	107	
Lincoln	1,284	18	12	6	17	8	9	19	
Lisbon	1,450	24	11	13	19	11	8	15	
Littleton	5,735	70	39	31	61	33	28	72	
Lyman	309	4	3	1	3	1	2	1	
Lyme	1,364	22	12	10	10	6	4	9	
Monroe	620	7	3	4	7	4	3	7	
Orange	234	2	2	0	2	2	0	1	
Orford	967	8	4	4	7	3	4	14	
Piermont	515	6	3	3	8	5	3	9	
Plymouth	5,261	48	30	18	22	12	10	44	
Rumney	1,236	19	10	9	7	5	2	7	
Sugar Hill	471	3	1	2	5	4	1	18	
Thornton	934	10	4	6	11	6	5	5	
Warren	685	10	4	6	9	5	4	5	
Waterville	165	1	0	1	0	0	0	7	
Wentworth	530	6	2	4	5	1	4	5	
Woodstock	966	17	7	10	7	4	3	18	
HILLSBOROUGH	288,216	4,279	2,273	2,006	2,361	1,165	1,196	3,237	1,456
Amherst	8,449	80	38	42	40	23	17	40	
Antrim	2,387	36	19	17	14	7	7	18	
Bedford	9,926	95	46	49	69	41	28	91	
Bennington	913	21	13	8	6	4	2	14	
Brookline	1,846	24	11	13	11	5	6	17	
Deering	1,203	15	8	7	8	5	3	17	
Francestown	906	17	9	8	5	2	3	17	
Goffstown	12,016	120	65	55	83	40	43	129	
Greenfield	1,055	20	9	11	4	3	1	8	
Greenville	2,254	36	19	17	18	12	6	26	
Hancock	1,250	12	6	6	13	8	5	7	
Hillsborough	3,489	69	34	35	37	18	19	46	
Hollis	4,905	63	30	33	18	14	4	36	
Hudson	14,824	224	117	107	87	44	43	273	
Litchfield	4,548	85	48	37	10	6	4	15	
Lyndeborough	1,122	20	13	7	3	1	2	8	
Manchester	93,360	1,420	740	680	1052	489	564	1,125	
Mason	807	8	3	5	7	4	3	12	
Merrimack	16,259	248	145	103	56	31	25	112	
Milford	8,938	125	69	56	88	45	43	109	
Mont Vernon	1,541	20	12	8	5	0	5	8	

TABLE 7. POPULATION, BIRTHS, DEATHS & MARRIAGES BY COUNTY/TOWN, NEW HAMPSHIRE, 1983

COUNTY & TOWN	ESTIMATED POPULATION*	RESIDENT BIRTHS			RESIDENT DEATHS			RECORDED MARRIAGES	RECORDED DIVORCES
		TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE		
Hillsboro(Contd)									
Nashua	70,679	1,112	597	515	547	276	271	773	
New Boston	2,069	23	11	12	15	8	7	17	
New Ipswich	2,712	72	41	31	17	7	10	26	
Pelham	8,301	123	63	60	38	21	17	171	
Peterborough	5,055	52	27	25	51	22	29	44	
Sharon	179	4	1	3	2	2	0	1	
Temple	785	14	8	6	5	1	4	9	
Weare	3,653	69	43	26	26	13	13	34	
Wilton	2,711	51	27	24	24	12	12	32	
Windsor	78	1	1	0	1	1	0	2	
MERRIMACK	101,858	1,354	685	669	899	447	452	984	467
Allenstown	4,450	81	45	36	27	16	11	35	
Andover	1,605	23	9	14	18	11	7	18	
Boscawen	3,635	54	25	29	34	21	13	20	
Bow	4,216	46	23	23	20	12	8	15	
Bradford	1,118	17	9	8	12	5	7	16	
Canterbury	1,560	13	8	5	7	1	6	14	
Chichester	1,616	26	16	10	9	7	2	42	
Concord	31,024	400	204	196	347	157	190	340	
Danbury	749	15	10	5	6	4	2	5	
Dunbarton	1,298	20	9	11	8	4	4	8	
Epsom	2,972	43	23	20	45	22	23	24	
Franklin	7,963	131	57	74	79	36	43	91	
Henniker	3,112	41	23	18	22	9	13	29	
Hill	771	9	2	7	6	3	3	5	
Hooksett	7,779	73	36	37	52	26	26	44	
Hopkinton	3,974	38	19	19	35	8	27	41	
Loudon	2,973	54	30	24	11	5	6	33	
Newbury	942	21	11	10	9	9	0	5	
New London	2,860	11	6	5	28	17	11	55	
Northfield	3,189	40	20	20	17	8	9	16	
Pembroke	4,983	59	33	26	29	20	9	34	
Pittsfield	3,186	54	23	31	21	12	9	36	
Salisbury	849	8	2	6	7	4	3	15	
Sutton	1,092	14	9	5	9	5	4	6	
Warner	1,966	28	15	13	24	15	9	20	
Webster	1,158	26	15	11	5	3	2	12	
Wilmot	817	9	3	6	12	7	5	5	
ROCKINGHAM	201,825	3,059	1,533	1,526	1,389	775	614	2,651	1,100
Atkinson	4,601	49	28	21	20	14	6	27	
Auburn	3,153	49	25	24	14	9	5	33	
Brentwood	2,146	17	10	7	33	16	17	13	
Candia	3,190	45	25	20	16	12	4	24	
Chester	2,268	37	18	19	16	9	7	15	
Danville	1,442	29	17	12	7	5	2	20	
Deerfield	2,099	30	13	17	11	8	3	19	
Derry	20,168	420	187	233	118	72	46	156	
East Kingston	1,215	16	10	6	5	3	2	6	
Epping	3,674	57	30	27	32	23	9	33	
Exeter	11,639	163	81	82	130	64	66	193	
Fremont	1,409	25	12	13	5	0	5	10	
Greenland	2,202	22	11	11	12	6	6	26	
Hampstead	4,233	58	23	35	28	14	14	36	
Hampton	10,971	140	76	64	100	46	54	156	
Hampton Falls	1,358	14	10	4	10	5	5	74	
Kensington	1,325	16	8	8	6	5	1	2	
Kingston	4,479	77	38	39	30	21	9	41	
Londonderry	14,309	228	116	112	53	29	24	113	
New Castle	903	5	1	4	11	6	5	13	
Newfields	829	9	3	6	7	2	5	8	
Newington	778	19	9	10	5	3	2	22	
Newmarket	4,456	87	47	40	40	20	20	38	
Newton	3,302	71	35	36	19	9	10	36	
North Hampton	3,557	52	23	29	33	16	17	51	
Northwood	2,366	44	20	24	18	9	9	30	
Nottingham	2,219	31	19	12	17	10	7	11	
Plaistow	5,735	66	27	39	38	23	15	91	
Portsmouth	28,232	409	201	208	212	111	101	513	
Raymond	6,131	120	70	50	41	23	18	38	
Rye	4,927	50	27	23	44	29	15	76	
Salem	24,436	329	166	163	151	92	59	481	
Sandown	2,296	46	27	19	7	6	1	16	

TABLE 7. POPULATION, BIRTHS, DEATHS & MARRIAGES BY COUNTY/TOWN, NEW HAMPSHIRE, 1983

COUNTY & TOWN	ESTIMATED POPULATION*	RESIDENT BIRTHS			RESIDENT DEATHS			RECORDED MARRIAGES	RECORDED DIVORCES
		TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE		
Rockingham(Contd)									
Seabrook	6,226	78	45	33	59	36	23	145	
South Hampton	690	9	3	6	4	1	3	7	
Stratham	2,729	47	23	24	15	7	8	25	
Windham	6,134	95	49	46	22	11	11	53	
STRAFFORD	88,689	1,355	674	681	666	324	342	834	455
Barrington	4,992	94	52	42	18	15	3	48	
Dover	22,982	401	208	193	212	92	120	218	
Durham	11,487	65	33	32	19	9	10	83	
Farmington	4,748	96	46	50	46	22	24	33	
Lee	2,288	35	20	15	11	7	4	11	
Madbury	1,002	6	4	2	8	7	1	4	
Middleton	837	8	4	4	4	3	1	9	
Milton	2,366	39	17	22	19	10	9	29	
New Durham	1,279	15	5	10	11	7	4	9	
Rochester	22,055	346	169	177	205	99	106	264	
Rollinsford	2,409	31	12	19	13	9	4	9	
Somersworth	10,427	194	90	104	93	41	52	100	
Strafford	1,818	25	14	11	7	3	4	17	
SULLIVAN	37,534	513	259	254	338	189	149	406	203
Acworth	589	6	4	2	3	1	2	6	
Charlestown	4,555	30	20	19	42	24	18	46	
Claremont	14,746	220	101	119	139	81	58	149	
Cornish	1,456	33	17	16	9	3	6	16	
Croydon	510	6	5	1	4	3	1	2	
Goshen	607	8	2	6	5	3	2	4	
Grantham	781	8	3	5	8	5	3	7	
Langdon	453	7	5	2	2	1	1	3	
Lempster	676	7	4	3	6	2	4	5	
Newport	6,558	91	53	38	60	32	28	85	
Plainfield	1,835	29	12	17	15	9	6	21	
Springfield	603	8	4	4	2	0	2	7	
Sunapee	2,514	32	16	16	14	11	3	37	
Unity	1,249	8	5	3	26	11	15	6	
Washington	402	11	8	3	3	3	0	12	

* The 1983 state level population number is a federal-state cooperative estimate prepared by the N.H. Office of State Planning and the U.S.Bureau of the Census. 1983 county and town populations are estimates based on the state level estimate of population.

- N A T A L I T Y -

Resident live births totaled to 13,680 in 1983 and the state birth rate was 14.3 per 1,000 persons, reflecting a decrease from 1982's rate of 14.8. The New Hampshire birth rate was also lower than the 1983 national rate of 15.5 per 1,000 population.

Resident births which took place out-of-state accounted for 11.2 percent (1,530) of total resident births. The majority of these out-of-state births, 88.3 percent (1,351) occurred in the state of Massachusetts while 8.0 percent (122) took place in Vermont and 2.2 percent (34), in Maine.

The number of births to mothers 19 years of age and younger for every 1,000 births, decreased again, from 102.1 in 1982 to 89.8 in 1983. Comparable birth numbers for the 20-24 mother age group also declined. For mothers at ages 30-34 and 35 and above, births per 1,000 births increased. For instance, at the 30-34 year age level there were 200.9 births for every 1,000 live births in 1983 compared to 184.9 in 1982. See Table 8 below.

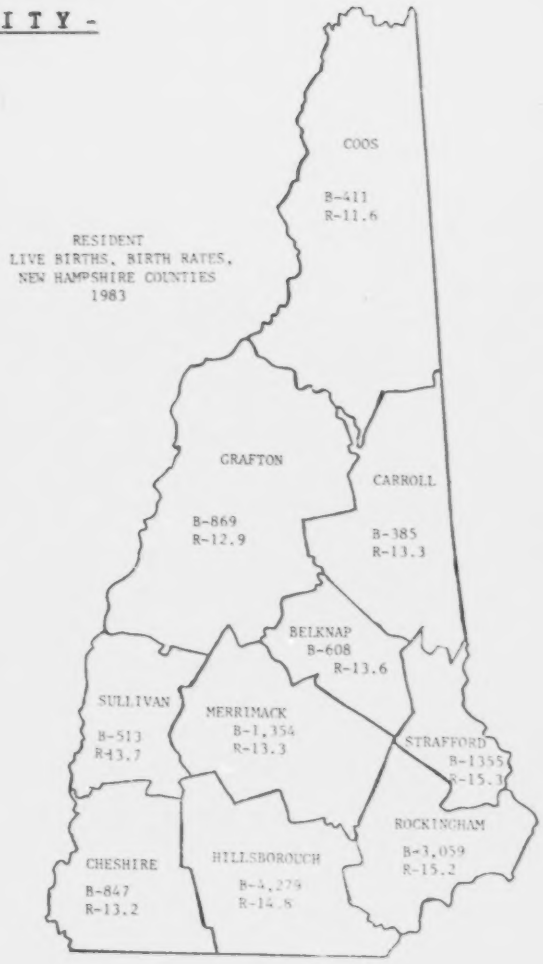


TABLE 8 NUMBER OF RESIDENT BIRTHS AND NUMBER PER 1000 BIRTHS, ACCORDING TO AGE OF MOTHER, NEW HAMPSHIRE, 1979-1983

YEAR	TOTAL LIVE BIRTHS	- Age of Mother -									
		19 & Under		20-24		25-29		30-34		35 & Over	
		No.	Per 1000	No.	Per 1000	No.	Per 1000	No.	Per 1000	No.	Per 1000
1979	12,829	1521	118.6	4219	328.9	4394	342.5	2144	167.1	551	42.9
1980	13,715	1467	107.0	4650	339.0	4756	346.8	2310	168.4	532	38.8
1981	13,487	1399	103.7	4322	320.4	4724	350.2	2473	183.3	569	42.1
1982	14,059	1436	102.1	4475	318.3	4790	340.7	2600	184.9	758	53.9
1983	13,680	1229	89.8	4136	302.3	4811	351.7	2748	200.9	756	55.3

The percentage of resident live births reflecting either no prenatal care or prenatal care which commenced in the third trimester, was 2.1 percent in 1983 compared to 2.6 percent in 1982. On the average, there have been 305 births annually with either no or third trimester prenatal care, for the five year period of 1979 to 1983. See Table 9 below.

TABLE 9 NUMBER AND PERCENT, RESIDENT LIVE BIRTHS WITH NO OR LATE PRENATAL CARE, BY COUNTY, NEW HAMPSHIRE, 1979-1983[1]

COUNTY	No. & % No/Late Prenatal Care Births[2]										1979-1983 5 Yr. Average	
	1979		1980		1981		1982		1983			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Belknap	23	3.5	19	2.7	17	2.8	23	3.7	16	2.6	19.6	3.1
Carroll	8	2.4	10	2.7	11	2.9	16	4.1	8	2.1	10.6	2.8
Cheshire	33	4.0	30	3.4	27	3.1	34	3.6	24	2.8	29.6	3.4
Coos	14	3.1	11	2.3	9	0.9	7	1.6	8	1.9	9.8	2.0
Grafton	14	1.8	18	2.0	23	2.6	22	2.4	20	2.3	19.4	2.2
Hillsborough	76	2.0	83	2.0	80	1.9	95	2.2	95	2.2	85.8	2.1
Merrimack	28	2.1	34	2.4	24	1.7	41	3.0	29	2.1	31.2	2.3
Rockingham	49	1.8	53	1.8	44	1.5	58	1.9	50	1.6	50.8	1.7
Strafford	27	2.2	40	3.0	30	2.4	48	3.5	23	1.7	33.6	2.6
Sullivan	15	3.1	14	2.7	12	2.1	12	2.2	21	4.1	14.8	2.8
STATE	287	2.3	312	2.3	277	2.1	356	2.6	294	2.1	305.2	2.3

1. Late prenatal care: care commenced in third trimester.
2. Percent in specified county. (Excludes unknowns).

The number of births that were low birth-weight (which placed the infant at relatively high risk for physical disorders and for mortality) decreased from 731 in 1982 to 687 in 1983, while the corresponding percentage declined slightly from 5.2 to 5.0 percent. See Table 10.

TABLE 10 NUMBER AND PERCENT, RESIDENT LOW BIRTH-WEIGHT[1] BIRTHS BY COUNTY, NEW HAMPSHIRE, 1979-1983

COUNTY	No. & % Low Birth-Weight[2]										1979-1983 5 Yr. Average	
	1979		1980		1981		1982		1983			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Belknap	36	5.5	44	6.3	24	3.9	30	4.8	31	5.1	33.0	5.1
Carroll	16	4.7	17	4.6	16	4.2	25	6.2	23	6.0	19.4	5.1
Cheshire	49	5.8	39	4.3	56	6.4	60	6.3	36	4.3	48.0	5.4
Coos	31	6.8	22	4.5	21	4.7	23	5.4	22	5.4	23.8	5.4
Grafton	38	4.9	41	4.6	41	4.6	31	3.3	42	4.8	38.6	4.4
Hillsborough	235	6.0	241	5.8	232	5.5	240	5.4	249	5.8	239.4	5.7
Merrimack	66	4.9	62	4.4	89	6.4	72	5.2	69	5.1	71.6	5.2
Rockingham	170	6.1	149	5.0	116	4.0	137	4.5	123	4.0	139.0	4.7
Strafford	80	6.5	80	6.0	46	3.7	74	5.4	69	5.1	69.8	5.3
Sullivan	40	8.1	38	7.4	32	6.4	39	7.2	23	4.5	34.4	6.7
STATE	761	5.9	733	5.3	673	5.0	731	5.2	687	5.0	717.0	5.3

1. Low birth-weight: Less than 2500 grams.
2. Percent in the specified county.

Out-of-wedlock births (at higher than average risk of low-birth-weight newborns) decreased in both number and percentage for the first time since 1973. As Table 11 indicates, these births totaled to 1,647 in 1983 compared to 1,730 in 1982, while the corresponding percentage dropped slightly from 12.3 to 12.0 percent.

TABLE 11 NUMBER AND PERCENT OF RESIDENT OUT-OF WEDLOCK BIRTHS BY COUNTY, NEW HAMPSHIRE, 1979-1983

COUNTY	No. & % Out-of-Wedlock Births*										1979-1983 5 Yr. Average	
	1979		1980		1981		1982		1983			
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Belknap	100	15.2	108	15.6	86	14.0	104	16.6	81	13.3	95.8	14.9
Carroll	32	9.4	37	10.0	42	11.1	54	13.4	44	11.4	41.8	11.1
Cheshire	92	10.9	104	11.5	117	13.4	138	14.5	110	13.0	112.2	12.7
Coos	53	11.5	60	12.4	58	13.1	63	14.8	65	15.8	59.8	13.5
Grafton	71	9.1	120	13.5	97	10.8	108	11.6	98	11.3	98.8	11.3
Hillsboro	393	10.1	449	10.8	475	11.2	550	12.5	534	12.5	480.2	11.4
Merrimack	141	10.5	149	10.6	165	11.8	176	12.7	178	13.1	161.8	11.7
Rockingham	194	7.0	236	7.9	268	9.2	265	8.8	254	8.3	243.4	8.2
Strafford	155	12.6	167	12.6	164	13.3	181	13.3	196	14.5	172.6	13.3
Sullivan	66	13.3	68	13.2	69	13.8	91	16.7	87	17.0	76.2	14.8
STATE	1297	10.1	1498	10.9	1541	11.4	1730	12.3	1647	12.0	1542.6	11.3

* Percent in specified county.

Among all out-of-wedlock births, the age of the mother was 19 years or less in 36.2 percent of the births while the proportion of births with mothers at ages 20 to 24 years was 39.0 percent. In the remainder of births, 24.8 percent, the mother's age was 25 or more years.

Among "teen-mother" births only, 48.6 percent (597) were "out-of-wedlock" in 1983 compared to 46.9 percent (674) in 1982. See Table 12.

TABLE 12 NUMBER AND PERCENT, RESIDENT TEEN-MOTHER BIRTHS ACCORDING TO MARITAL STATUS BY COUNTY, NEW HAMPSHIRE, 1983

Marital Status	Statewide Teen Mothers		- COUNTY*															
			Belk.		Carr.		Chesh.		Coos		Graf.		Hills.		Merri.		Rock.		Straf.		Sull.	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Married	632	51.4	27	-	20	-	52	52.0	28	-	36	-	179	47.4	60	50.0	102	53.4	94	57.3	34	-
Not Married	597	48.6	33	-	19	-	48	48.0	22	-	25	-	199	52.6	60	50.0	89	46.6	70	42.7	32	-
TOTAL	1229	100.0	60	-	39	-	100	100.0	50	-	61	-	378	100.0	120	100.0	191	100.0	164	100.0	66	-

* Percent not calculated for less than 100 total cases in county.

Most 1983 resident births, 13,413, took place in hospitals while 177 were home births and 76 occcurred in a birthing center, as shown in Table 13. After increases in the years 1980 to 1982, the number and percent of home births declined in 1983.

TABLE 13 NUMBER AND PERCENT, RESIDENT HOME BIRTHS AND HOSPITAL BIRTHS, NEW HAMPSHIRE, 1979-1983

Location of Birth[1]	No. & %, Live Births									
	1979		1980		1981		1982		1983	
	No.	%	No.	%	No.	%	No.	%	No.	%
At Home	157	1.2	151	1.1	189	1.4	211	1.5	177	1.3
Birthing Center[2]	-	-	42	0.3	81	0.6	85	0.6	76	0.6
In Hosp.	12663	98.8	13508	98.6	13203	98.0	13748	97.9	13413	98.1
TOTAL	12820	100.0	13701	100.0	13473	100.0	14044	100.0	13666	100.0

1. All locations other than at home, in hospital and birthing center have been excluded.
2. Reports of resident births occurring in birthing center commenced in 1980.

TABLE 14 RESIDENT LIVE BIRTHS ACCORDING TO SELECTED CHARACTERISTICS BY COUNTY & TOWN OF MOTHER'S RESIDENCE, NEW HAMPSHIRE, 1983

	TOTAL	SEX MALE	SEX FEMALE	FIRST BORN	UNDER 2500 GRAMS	PLURAL BIRTH	COMP OF PREG-LBR-BTH	MOTHER UNDER AGE 20	NO PRE NATAL CARE	BORN IN HOSP
BELKNAP										
ALTON	31	18	13	14	1		11	5		29
BARNSTEAD	34	14	20	13			7	2		31
BELMONT	59	33	26	28	3		17	8		59
CENTER HARBOR	13	7	6	6			2	1		11
GILFORD	41	21	20	14	1		8	1		41
GILMANTON	35	17	18	14			5	3		34
LACONIA	231	121	110	89	19	8	66	29		226
MEREDITH	59	30	29	23	1		15	6		58
NEW HAMPTON	21	7	14	6		2	4			20
SANBORNTON	26	18	8	12	2		6			24
TILTON	58	25	33	29	4	2	28	5		57
BELKNAP	608	311	297	248	31	12	169	60		590
CARROLL										
ALBANY	3	2	1	2						3
BARTLETT	22	10	12	12			7	2		21
BROOKFIELD	5	1	4	1		2	2			5
CONWAY	122	59	63	70	7	6	43	15		119
EATON	6	4	2	3			3			4
EFF INGHAM	6	4	2	2						6
FREEDOM	7	5	2	3			3			7
JACKSON	9	5	4	6			3	1		8
MADISON	10	6	4	8	1		3	1		9
MOULTONBORO	26	12	14	10	4	4	8	1		23
OSSIPEE	30	14	16	12	2		14	4		29
SANDWICH	9	2	7	2			1			6
TAM WORTH	22	13	9	8	1		9	5		21
TUFTONBORO	17	8	9	11	2		9	3		15
WAKEFIELD	34	22	12	11	2		12	2		34
WOLFEBORO	57	24	33	28	4	4	19	5		54
CARROLL	385	191	194	189	23	16	136	39		364
CHESHIRE										
ALSTEAD	23	9	14	5	1		10	3		22
CHESTERFIELD	43	19	24	21	1		15	4		43
DUBLIN	18	10	8	3	1		9			16
FITZWILLIAM	25	17	8	10			7	3		25
GILSUM	8	2	6	4			4	2		7
HARRISVILLE	11	6	5	4		2	4			11
HINSDALE	41	19	22	13	1	2	17	4		41
JAFFREY	75	32	43	35	4	2	49	6		72
KEENE	249	134	115	100	11	8	79	29		244
MARLBOROUGH	34	19	15	17			15	5		33
MARLOW	8	4	4	4	1		2	1		8
NELSON	7	2	5	4			6	1		6
RICHMOND	9	1	8	5	2		5			9
RINDGE	65	33	32	24	4		29	9		64
ROXBURY	2		2	1			1			2
STODDARD	4	1	3	3			3	1		4
SULLIVAN	6	4	2	3			2	2		6
SURRY	8	4	4	3			4			8
SWANZEY	60	31	29	25	3		26	5		60
TROY	38	17	21	23	2		17	7		38
WALPOLE	29	18	11	16	3	2	8	1		28
WESTMORELAND	16	9	7	8			6	2		16
WINCHESTER	67	35	32	30	2	2	18	15		66
CHESHIRE	1	1		1			1			1
CHESHIRE	847	427	420	362	36	18	337	100		830
COOS										
ATKINSON & GILM	1	1		1						1
BERLIN	137	65	72	58	6	2	55	20		137
CARROLL	7	1	6	3	1		4			7
CLARKSVILLE	4		4	1	1		1	1		4
COLE BROOK	40	26	14	21	2	2	19	2		40
COLUMBIA	6	5	1	2	1		2	2		6
DALTON	4	1	3	2			2	2		3
DUMMER	2		2	1				1		2
ERROL	4	1	3	2			2	1		4
GORHAM	24	11	13	14	1		13	4		24
JEFFERSON	13	4	9	6			4	1		13

TABLE 14 RESIDENT LIVE BIRTHS ACCORDING TO SELECTED CHARACTERISTICS BY COUNTY & TOWN OF MOTHER'S RESIDENCE, NEW HAMPSHIRE, 1983

	TOTAL	SEX MALE	SEX FEMALE	FIRST BORN	UNDER 2500 GRAMS	PLURAL BIRTH	COMP OF PREG-LBR-BTH	MOTHER UNDER AGE 20	NO PRE NATAL CARE	BORN IN HOSP
KILKENNY	1	1		1						1
LANCASTER	42	18	24	13	3	2	18	5		41
MILAN	16	6	10	4	1	2	8			16
NORTHUMBERLAND	28	18	10	10	2		11	2		28
PITTSBURG	10	4	6	5			5	2		10
RANDOLPH	5	4	1	2						5
SHELBURNE	4	3	1	2			2			4
STARK	3	2	1	2			1			3
STEWARTSTOWN	12	7	5	7	1		4	1		12
STRATFORD	13	7	6	2	1		6			13
WHITEFIELD	35	19	16	15	2	2	16	6		35
COOS	411	204	207	174	22	10	173	50		409
GRAFTON										
ALEXANDRIA	14	7	7	3			1	2		13
ASHLAND	31	14	17	11	4	2	10	6		29
BATH	10	9	1	1						10
BETHLEHEM	27	17	10	15			9	1		25
BRIDGEWATER	8	3	5	3			6	2		8
BRISTOL	26	13	13	8			10	2		26
BEEBE RIVER CAM	31	17	14	11			8	1		25
CANAAN	41	22	19	20	1		20	5		40
DORCHESTER	2	1	1	2			2	1		2
EASTON	5	3	2	3			2			4
ELLSWORTH	1		1							1
ENFIELD	61	32	29	33	4		37	5		60
FRANCONIA	9	3	6	5			4			8
GRAFTON	18	11	7	6	1		10	1		17
GROTON	7	3	4							7
HANOVER	44	26	18	19	1		18			42
HAVERHILL	43	23	20	16	4	2	20	6	1	43
HEBRON	6	3	3	1			2	1		6
HOLDERNESS	16	7	9	9			4			16
LANDAFF	3	3								3
LEBANON	191	97	94	89	13	4	101	10		189
LINCOLN	18	12	6	10	1		6	1		18
LISBON	24	11	13	15	1		9	2		24
LITTLETON	70	39	31	33	4		35	6		69
LYMAN	4	3	1	4			2			4
LYME	22	12	10	10	1	2	12			22
MONROE	7	3	4	3			5			7
ORANGE	2	2		1		2	2			2
ORFORD	8	4	4	3			3			8
PIERMONT	6	3	3	3			3			6
PLYMOUTH	48	30	18	23	3	1	19	2	1	45
RUMNEY	19	10	9	7	2		12	3		18
THORNTON	10	4	6	3				1		10
WARREN	10	4	6	5	1		5	1		10
WATERVILLE VALL	1		1	1						1
WENTWORTH	6	2	4	2						6
WOODSTOCK	17	7	10	6	1		4	2		17
SUGAR HILL	3	1	2							3
GRAFTON	869	461	408	384	42	13	379	61	2	844
HILLSBOROUGH										
AMHERST	80	38	42	29	6	5	35	3		78
ANTRIM	36	19	17	12			20	1	1	34
BEDFORD	95	46	49	40	3	2	38	4		93
BENNINGTON	21	13	8	4	1		9	1		20
BROOKLINE	24	11	13	11			12	2		24
DEERING	15	8	7	3	1		6	2		13
FRANCESTOWN	17	9	8	6	1		10	1		14
GOFFSTOWN	120	65	55	44	4	2	38	4		117
GREENFIELD	20	9	11	8	2		12	2		19
GREENVILLE	36	19	17	13	2		21	2		32
HANCOCK	12	6	6	7			7			11
HILLSBORO	69	34	35	34	5	4	19	8	1	63
HOLLIS	63	30	33	27	3	2	28	2	1	63
HUDSON	224	117	107	96	14	12	102	9	1	221
LITCHFIELD	85	48	37	37	3		25	4		85
LYNDEBOROUGH	20	13	7	12	1		9	2		20
MANCHESTER	1420	740	680	659	86	24	453	172	6	1408

TABLE 14 RESIDENT LIVE BIRTHS ACCORDING TO SELECTED CHARACTERISTICS BY COUNTY & TOWN OF MOTHER'S RESIDENCE, NEW HAMPSHIRE, 1983

	TOTAL	SEX MALE	SEX FEMALE	FIRST BORN	UNDER 2500 GRAMS	PLURAL BIRTH	COMP OF PREG-LBR-BTH	MOTHER UNDER AGE 20	NO PRE NATAL CARE	BORN IN HOSP
MASON	8	3	5	2	1		6			8
MERRIMACK	248	14[illegible]	103	101	15	6	92	14		246
MILFORD	12[illegible]	69	56	63	5	2	55	13		124
MONT VERNON	20	12	8	6	2	2	7	1		20
NASHUA	1112	597	515	532	71	25	443	106	7	1100
NEW BOSTON	23	11	12	8	2		11	3		23
NEW IPSWICH	72	41	31	18	4	2	31	6		68
PELHAM	123	63	60	49	9	6	39	4		123
PETERBOROUGH	52	27	25	16	1	2	33	3		50
SHARON	4	1	3	2			3			4
TEMPLE	14	8	6	6	2		7	1		13
WEARE	69	43	26	34	4	2	18	5	1	68
WILTON	51	27	24	17	1		20	3		50
WINDSOR	1	1					1			1
HILLSBOROUGH	4279	2273	2006	1896	249	98	1610	378	18	4213
MERRIMACK										
ALLENSTOWN	81	45	36	40	5	2	16	5		78
ANDOVER	23	9	14	11	2		11	2		23
BOSCAWEN	54	25	29	30	1		14	4		53
BOW	46	23	23	18	1	2	14	2		45
BRADFORD	17	9	8	13	1		4	6	1	14
CANTERBURY	13	8	5	5	1		3	1		12
CHICHESTER	26	16	10	12	2		9			24
CONCORD	400	204	196	194	23	8	82	37	8	386
DANBURY	15	10	5	7			5	2		14
DUNBARTON	20	9	11	11	3	2	6	1		19
EPSOM	43	23	20	17	3		8	4		42
FRANKLIN	131	57	74	44	6	4	48	16	1	128
HENNIKER	41	23	18	19			8	3		40
HILL	9	2	7	5	1		4	1		9
HOOKSETT	73	36	37	28	5	4	25	3		70
HOPKINTON	38	19	19	20	1		11	1		33
LOUDON	54	30	24	16			12	3		54
NEWBURY	21	11	10	10		2	7	1		21
NEW LONDON	11	6	5	8	3		5	1	1	11
NORTHFIELD	40	20	20	16	2		17	7	1	39
PEMBROKE	59	33	26	19	4	2	13	3		57
PITTSFIELD	54	23	31	23	3		11	13	2	51
SALISBURY	8	2	6		1		6		1	8
SUTTON	14	9	5	5			5	1		12
WARNER	28	15	13	12			8	2		23
WEBSTER	26	15	11	12	1		4	1		22
WILMOT	9	3	6	5			3			8
MERRIMACK	1354	685	669	600	69	26	359	120	15	1296
ROCKINGHAM										
ATKINSON	49	28	21	23	1	6	12	1		49
AUBURN	49	25	24	22		2	13	3		49
BRENTWOOD	17	10	7	5	1	2	5			17
CANDIA	45	25	20	15			15	2		44
CHESTER	37	18	19	16	2	2	11	2		37
DANVILLE	29	17	12	9	2		7	2		29
DEERFIELD	30	13	17	13	3	2	10			27
DERRY	420	187	233	206	13	5	128	32	1	417
EAST KINGSTON	16	10	6	7	1		6			16
EPPING	57	30	27	23	2		21	4		56
EXETER	163	81	82	70	3		56	7		160
FREMONT	25	12	13	8	1		8	1		25
GREENLAND	22	11	11	12			7	1		21
HAMPSTEAD	58	23	35	23	4		14	1		57
HAMPTON	140	76	64	63	7	2	52	6		139
HAMPTON FALLS	14	10	4	6	1	2	7			14
KENSINGTON	16	8	8	7			6	3		16
KINGSTON	77	38	39	42	9	2	36	3		77
LONDONDERRY	228	116	112	93	10	6	79	7		227
NEW CASTLE	5	1	4	3			2			5
NEWFIELDS	9	3	6	4			6			9
NEWINGTON	19	9	10	9			4	1		18
NEWMARKET	87	47	40	38	4	2	36	2		85
NEWTON	71	35	36	35	2		29	4		70

TABLE 14 RESIDENT LIVE BIRTHS ACCORDING TO SELECTED CHARACTERISTICS BY COUNTY & TOWN OF MOTHER'S RESIDENCE, NEW HAMPSHIRE, 1983

	TOTAL	SEX MALE	SEX FEMALE	FIRST BORN	UNDER 2500 GRAMS	PLURAL BIRTH	COMP OF PREG-LBR-BTH	MOTHER UNDER AGE 20	NO PRE NATAL CARE	BORN IN HOSP
NORTH HAMPTON	52	23	29	25	3	6	22	3		52
NORTHWOOD	41	20	24	21	1		11	3		40
NOTTINGHAM	31	19	12	13	1		10	4		31
PLAISTOW	66	27	39	30	4	2	21	4		66
PORTSMOUTH	409	201	208	188	15	10	90	43		403
RAYMOND	120	70	50	55	9	6	44	10	1	118
RYE	50	27	23	28	3	2	20	2		49
SALEM	329	166	163	171	15	2	76	22		329
SANDOWN	46	27	19	25	3		9	3		45
SEABROOK	78	45	33	44	3		27	9	1	77
SOUTH HAMPTON	9	3	6	4			2			9
STRATHAM	47	23	24	17			19	1		46
WINDHAM	95	49	46	34		2	24	5		94
ROCKINGHAM	3059	1533	1526	1407	123	63	935	191	3	3023
STRAFFORD										
BARRINGTON	94	52	42	45	1	2	40	5		92
DOVER	401	208	193	210	21	10	140	59	2	397
DURHAM	65	33	32	32	3		24	1		63
FARMINGTON	96	46	50	41	9	2	44	20	2	94
LEE	35	20	15	16	1	2	15	3		35
MADBURY	6	4	2	3	1		3			6
MIDDLETON	8	4	4	4			4			8
MILTON	39	17	22	19	2		20	5		39
NEW DURHAM	15	5	10	9			7	2	1	14
ROCHESTER	346	169	177	143	15	8	167	44		343
ROLLINSFORD	31	12	19	16	2	2	11	4		31
SOMERSWORTH	194	90	104	91	13	9	89	19		193
STRAFFORD	25	14	11	10	1		13	2		25
STRAFFORD	1355	674	681	639	69	35	577	164	5	1340
SULLIVAN										
ACWORTH	6	4	2	1			2			4
CHARLESTOWN	39	20	19	17	2	1	21	5		39
CLAREMONT	220	101	119	88	10	9	129	30	1	217
CORNISH	33	17	16	17			14	1		33
CROYDON	6	5	1	3	1		2	2		6
GOSHEN	8	2	6	3			3			8
GRANTHAM	8	3	5	5			2			8
LANGDON	7	5	2	4			1			7
LEMPSTER	7	4	3	3			5			7
NEWPORT	91	53	38	47	5	6	54	20		91
PLAINFIELD	29	12	17	11	1		19	2	1	28
SPRINGFIELD	8	4	4	2		2	3	1		8
SUNAPEE	32	16	16	14	3	2	17	3		32
UNITY	8	5	3	5			3	2		7
WASHINGTON	11	8	3	5	1		3			9
SULLIVAN	513	259	254	225	23	20	278	66	2	504
N H TOTAL	13680	7018	6662	6124	687	311	4953	1229	48	13413

TABLE 15 RESIDENT LIVE BIRTHS ACCORDING TO COUNTY OF MOTHER'S RESIDENCE BY HOSPITAL AND OTHER PLACES OF BIRTH, NEW HAMPSHIRE, 1983

PLACE OF BIRTH	COUNTY OF RESIDENCE										
	BELKNAP	CARROLL	CHESHIRE	COOS	GRAFTON	HILLSBOROUGH	MERRIMACK	ROCKINGHAM	STRAFFORD	SULLIVAN	STATE TOTAL
ALEXANDER EASTMAN HOSP	0	0	0	0	0	8	1	141	0	0	150
ALICE PECK DAY HOSPITAL	1	0	0	0	145	1	1	0	0	32	180
ANDROSCOGGIN VALLEY HOSP	0	6	0	184	0	1	0	0	0	0	191
CATH MED CENTER	1	0	0	0	1	582	47	59	0	0	690
CHESHIRE HOSPITAL	0	0	479	0	1	14	1	0	0	6	501
VALLEY REGIONAL HOSP	0	0	1	0	3	0	7	0	0	313	324
CONCORD HOSPITAL	45	10	1	0	23	269	921	89	16	11	1425
COTTAGE HOSPITAL	0	0	0	0	50	0	0	0	0	0	50
ELLIOT HOSPITAL	0	0	0	1	0	898	72	343	8	1	1323
EXETER HOSPITAL	0	2	0	1	0	5	5	736	79	0	826
FRANKLIN HOSPITAL	22	0	0	0	20	0	104	0	0	0	146
FRISBIE MEMORIAL HOSP	11	24	0	0	2	1	1	7	356	0	402
HUGGINS HOSPITAL	8	80	0	0	2	0	0	0	16	0	106
LAKES REGION HOSPITAL	414	42	1	0	68	0	37	0	1	0	583
LITTLETON HOSPITAL	1	5	0	38	164	0	0	1	0	0	207
MARY HITCHCOCK HOSPITAL	12	13	17	8	258	26	46	9	16	84	489
MEMORIAL HOSPITAL-CONWAY	0	140	0	0	0	0	0	1	0	0	141
MONADNOCK COMMUNITY HOSP	0	2	192	0	0	231	1	0	0	3	429
MEMORIAL HOSPITAL-NASHUA	0	0	0	0	2	1197	3	122	1	1	1326
NEW LONDON HOSPITAL	0	0	40	0	2	0	32	0	0	24	58
U.S.A.F. PEASE HOSPITAL	0	2	0	0	0	9	5	217	101	1	335
PORTSMOUTH HOSPITAL	0	0	0	0	0	0	0	277	59	0	336
ST JOSEPH HOSPITAL	1	0	0	0	0	625	1	56	0	0	683
SCEVA SPEARE HOSPITAL	1	1	0	0	75	1	1	0	0	0	79
UPPER CONN VALLEY HOSP	0	0	0	29	0	0	0	0	0	0	29
WEEKS MEMORIAL HOSPITAL	0	0	0	139	3	0	0	1	0	0	143
WENTWORTH DOUGLASS HOSP	2	10	0	1	0	0	0	52	666	0	731
OB/GYN UNUM PROF ASSOC	4	5	0	0	2	15	30	11	6	3	76
BOA	0	0	0	0	2	2	0	1	0	0	5
DOCTOR'S OFFICE	0	0	0	0	0	0	1	0	0	0	1
STREET ADDRESS	1	1	0	0	0	3	0	1	1	0	7
UNKNOWN - BLANK	0	0	0	0	0	1	0	0	0	0	1
AT HOME	15	15	17	2	21	45	27	23	8	6	177
OUT OF STATE	11	10	138	8	25	345	12	912	21	28	1530
*** TOTAL ***	603	386	846	411	869	4279	1354	3059	1355	513	13680

TABLE 16 OCCURRENCES OF LIVE BIRTHS AND FETAL, NEONATAL AND INFANT DEATHS BY HOSPITAL AND OTHER PLACES OF OCCURRENCE, NEW HAMPSHIRE, 1983

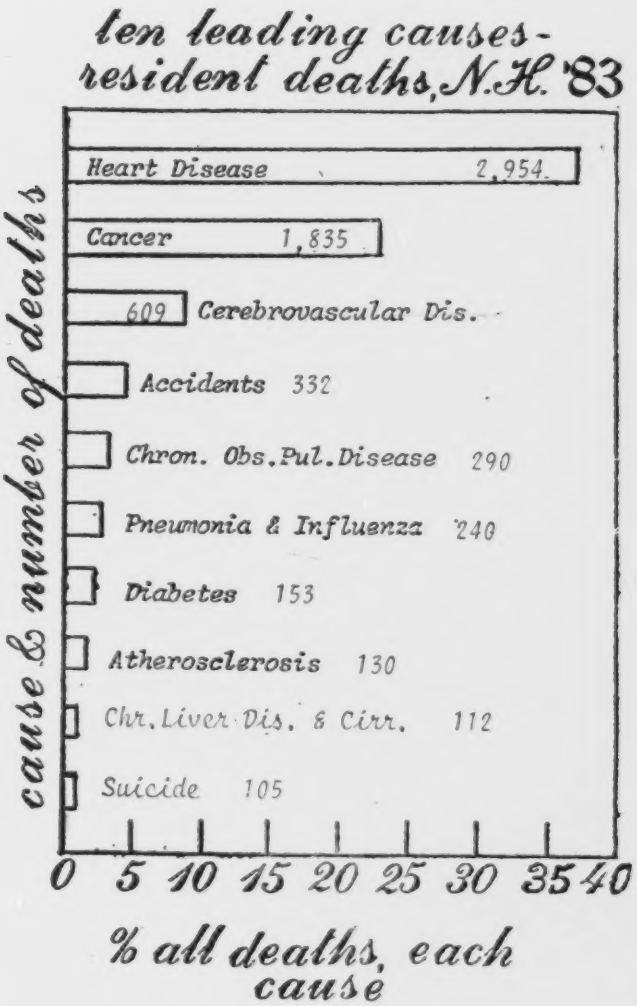
Hospital and Other Places Occurrence	No. Live Births	No.Fetal Deaths	No.Neonatal Deaths	No.Infant Deaths
Alexander Eastman	155	1	0	1
Alice Peck Day Memorial	310	1	0	0
Androscoggin Valley	197	0	0	0
Catholic Medical Center	694	4	2	3
Cheshire Medical Center	518	3	0	0
Concord	1,435	7	3	3
Cottage	93	1	0	0
Elliot	1,328	8	1	2
Exeter	920	9	0	2
Franklin Regional	146	0	1	1
Frisbie Memorial	466	1	1	2
Huggins	108	0	0	2
Lakes Region	583	4	1	3
Littleton	222	0	1	1
Mary Hitchcock Memorial	853	17	33	39
N.Conway Memorial	154	2	1	1
Monadnock Community	435	7	0	0
Memorial, Nashua	1,401	4	9	12
New London	58	0	0	0
Newport	0	0	0	0
Pease Air Force Base	447	2	3	3
Portsmouth	561	0	0	0
St. Joseph	753	1	0	3
Sceva Speare	80	1	0	0
Upper Connecticut Valley	36	0	1	1
Valley Regional	370	3	0	0
Weeks Memorial	164	0	2	2
Wentworth Douglass	925	2	1	2
Ob-Gyn Un	76	0	0	0
Born on Arrival	5	-	-	-
Doctor's Office	1	0	0	0
Street Address	7	0	0	
All Other	1	0	0	0
AT HOME	177	4	0	4
TOTAL	13,679	82	60	87

- MORTALITY -

Resident deaths numbered 7,902 in 1983, 302 more than in 1982 and the death rate increased from 8.0 deaths per 1,000 population in 1982 to 8.2. In comparison with the U.S. the 1983 state rate is 4.7 percent lower than the 1983 national death rate of 8.6.

Most resident deaths, 7,037, occurred within the state while 865 took place out-of-state. The majority of out-of-state deaths, 507, were in Massachusetts.

Male deaths totaled to 4,127 and outnumbered female deaths, 3,775. The 1983 median age at death for all persons was 74.2 years, slightly higher than the 1982 median, 73.7 years. Males generally were younger than females at death, 70.9 median years compared to 78.5 median years.



Ten Leading Causes of Death*

Diseases of the heart, cancer and cerebrovascular diseases again ranked as the three most frequent causes of mortality and were responsible for 68.3 percent of total deaths. All accidents was the fourth leading cause while chronic obstructive pulmonary disease was fifth and pneumonia/influenza ranked sixth. Diabetes mellitus, atherosclerosis, chronic liver disease/cirrhosis and suicide, in that order, were leading causes six through ten. All ten leading causes combined accounted for 85.5 percent of total resident mortality.

1983 New Hampshire death rates for the leading causes are presented in Table 17.

* *Causes of death have been classified using ACME, an Automated system. See introduction.*

TABLE 17 RESIDENT DEATH RATES FOR THE TEN LEADING CAUSES OF DEATH & PERCENT CHANGE, NEW HAMPSHIRE, 1982-1983

Leading Causes of Death With ICD-9 Code Number	N.H. Rank 1983	N.H. Rate[1] 1982	N.H. Rate[1] 1983	% Change '82-'83 N.H.	'83 U.S.[2] Rate (Rank)	% Dif. NH vs US '83 Rates
Diseases of the Heart (390-398, 402, 404-429)	1	305.9	308.0	+0.7	326.3(1)	-5.6
Malignant Neoplasms (140-208)	2	180.3	191.4	+6.2	188.6(2)	+1.5
Cerebrovascular Diseases (430-438)	3	60.8	63.5	+4.4	66.7(3)	- 4.8
All Accidents (E800-949)	4	35.3	34.7	-1.7	38.5(4)	- 9.9
Chronic Obstructive Pulmonary Disease & Allied Cond. (490-496)	5	29.5	30.3	+2.7	28.3(5)	+ 7.1
Pneumonia & Influenza (480-487)	6	19.9	25.1	+26.1	22.9(6)	+9.6
Diabetes Mellitus (250)	7	17.6	16.0	-9.1	15.2(7)	+ 5.3
Atherosclerosis (440)	8	13.9	13.6	-2.2	11.1(10)	+22.5
Chronic Liver Dis. & Cirrhosis (571)	9	10.4	11.7	+12.5	11.9 tie (8-9)	- 1.7
Suicide (E950-959)	10	11.6	11.0	-5.2	11.9	-7.6

1. Per 100,000 population
2. National Center for Health Statistics, 1983 provisional rates per 100,000 population.

Leading Causes of Death in Age Groups

Among state residents ages one to 34 years, the most frequent cause of death remained unchanged from 1982 and was "all accidents" again in 1983.

In comparison with 1982, malignant neoplasms supplanted heart disease as the 1983 leading cause of death in age groups between 35 and 64 years.

TABLE 18 LEADING CAUSE OF RESIDENT DEATH IN AGE GROUP BY SEX, NEW HAMPSHIRE, 1983

AGE GROUP	Leading Cause of Death With ICD-9 Code No.	% of All Deaths in Age Group	- SEX - Male No.	Fem No.	M & F No.	No. Deaths All Causes M & F
Under 1 Yr.	Certain conditions originating in Perinatal Period (760-779)	43.5	31	19	50	115
1-14	All Accidents (E800-E949)	42.6	18	8	26	61
15-24	All Accidents	60.5	64	25	89	147
25-34	All Accidents	37.6	35	9	44	117
35-44	Malignant Neo.(140-208)	22.5	20	22	42	187
45-54	Malignant Neoplasms	35.5	81	69	150	423
55-64	Malignant Neoplasms	36.7	219	179	398	1,083
65-74	Dis. of the Heart (390-398,402,404-429)	37.8	464	253	717	1,895
75 & over	Dis. of the Heart	43.0	653	1011	1,664	3,874
All Ages	Dis. of the Heart	37.4	1,544	1,410	2,954	7,902

Cardiovascular Disease Mortality

Diseases of the heart, the 1983 leading cause of resident mortality accounted for 2,954, (37.4 percent) of total deaths. The corresponding rate was 308.0 deaths per 100,000 population, 0.7 percent above the 1982 rate of 305.9. The New Hampshire 1983 rate is 5.6 percent lower than the 1983 U.S. heart disease rate.

More males (1,544) than females (1,410) died from heart disorders and males were generally younger than females at time of death. Male median age at death was 72.4 years while the female median age was 81.6 years. These median ages are higher than those of 1982 when the male median was 71.1 years and the female, 80.4.

The major component of heart disease mortality, ischemic heart disorders, accounted for 72.0 percent (2,127) of all deaths from heart disease. Among ischemic heart disorders, acute myocardial infarction (AMI) predominated: 55.7 percent (1,184 of 2,127) of mortality was attributed to this cause. More males (692) than females (492) died due to AMI and the male median age at death, 72 years, was notably lower than the female median age, 78.8 years.

TABLE 19 RESIDENT DEATH RATES[1] FOR HEART DISEASE,[2] BY COUNTY
NEW HAMPSHIRE, 1979-1983

COUNTY	- YEAR AND RATE - 1979	1980	1981	1982	1983	1979-1983 5 Year Average
Belknap	374.4	389.4	368.0	359.9	387.7	375.9
Carroll	458.6	379.5	416.7	339.0	408.4	400.4
Cheshire	343.1	301.0	343.6	302.4	316.8	321.4
Coos	378.4	378.4	364.1	423.0	376.8	384.1
Grafton	297.5	290.2	318.3	306.3	320.5	306.6
Hillsborough	303.0	293.9	279.6	299.6	301.5	295.5
Merrimack	379.1	358.0	317.3	360.5	337.8	350.5
Rockingham	256.5	276.8	261.9	263.6	242.3	260.2
Strafford	318.5	325.4	282.0	277.0	294.3	299.4
Sullivan	364.9	321.6	400.8	300.8	389.0	355.4
STATE:	318.7	311.8	303.2	305.9	308.1	309.5

1. Per 100,000 population in the specified county.
2. ICD 9th Rev. Codes: 390-398, 402, 404-429.

Cerebrovascular diseases, another category of major cardiovascular disorders and the third leading cause of resident death in 1983, claimed 609 lives, 31 more than in 1982 and the corresponding rate was 63.5 deaths per 100,000 persons, 4.4 percent higher than the 1982 rate of 60.8. The 1983 New Hampshire rate however, is 4.8 percent lower than the 1983 U.S. rate of 66.7. Death from this cause occurred largely at advanced age levels and the median age at death was 81 years. Characteristically, more females, 365, than males, 244, died from this disorder in 1983.

TABLE 20 RESIDENT DEATH RATES [1] FOR CEREBROVASCULAR DISEASE [2]
BY COUNTY, NEW HAMPSHIRE, 1979-1983

COUNTY	- YEAR AND RATE - 1979	1980	1981	1982	1983	'79-'83 5-Year Average
Belknap	97.2	74.7	77.8	81.0	69.5	80.0
Carroll	116.6	89.5	79.9	96.9	86.6	93.9
Cheshire	68.7	72.5	55.7	81.1	85.5	72.7
Coos	107.8	48.4	76.8	89.1	126.6	89.7
Grafton	63.5	65.4	61.6	49.1	41.6	56.2
Hillsborough	64.6	74.5	63.1	50.4	63.5	63.2
Merrimack	85.6	64.1	87.4	68.2	70.7	75.2
Rockingham	62.0	56.8	56.5	50.6	44.6	54.1
Strafford	63.5	57.4	56.7	67.0	66.6	62.2
Sullivan	83.1	91.5	46.7	67.2	56.0	68.9
STATE	71.9	67.5	64.1	60.8	63.5	65.6

1. Per 100,000 population in the specified county.
2. ICD 9th Rev. Codes: 430-439.

Cancer Mortality

In 1983, 1835 deaths were attributed to malignant neoplasms and the cancer death rate was 191.4 per 100,00 persons, above the 1982 rate of 180.3 by 6.2 percent. The 1983 state rate is 1.5 percent higher than the 1983 U.S. rate of 188.6.

TABLE 21 RESIDENT DEATH RATES[1] FOR CANCER[2] BY COUNTY, NEW HAMPSHIRE, 1979-1983

COUNTY	- YEAR AND RATE - 1979	1980	1981	1982	1983	1979-1983 5 Year Average
Belknap	281.0	216.8	208.0	224.9	208.4	227.8
Carroll	225.5	229.1	267.3	249.1	204.2	235.0
Cheshire	207.5	223.7	205.2	171.5	188.0	199.2
Coos	234.8	221.9	230.4	236.6	284.0	241.5
Grafton	201.6	179.3	219.2	220.1	182.5	200.5
Hillsborough	193.9	182.9	183.0	173.0	193.6	185.3
Merrimack	206.9	197.3	218.9	175.8	199.3	199.6
Rockingham	161.4	160.2	165.3	157.3	173.0	163.4
Strafford	202.3	203.7	179.1	177.1	178.2	188.1
Sullivan	192.8	205.1	244.3	161.1	186.5	198.0
STATE:	194.5	189.5	194.6	180.3	191.4	190.1

1. Per 100,000 population in the specified county.
2. ICD 9th Revision codes: 140-208.

Male deaths from cancer numbered 933 while female deaths totaled to 902. Median age at death was 68.8 years for males and 71.2 years for females. Table 22 below presents the number and percent of cancer deaths by sex according to the site of malignancy. Among males, cancer of the trachea, bronchus and lung accounted for the leading percentage of deaths, 32.9 percent. Among females, breast cancer accounted for the highest percentage of cancer mortality, 17.7 percent. Over-all, cancer of the trachea, bronchus and lung was the most frequent type of cancer mortality in 1983 as in previous years, accounting for 431 deaths, 23.5 percent of the total.

TABLE 22 RESIDENT DEATHS DUE TO CANCER ACCORDING TO SELECTED SITES OF MALIGNANCY, BY SEX, NEW HAMPSHIRE, 1983

Site of Malignancy and ICD-9 Code Number	- SEX - Male No.	%	Female No.	%	Total No.	%
DIGESTIVE ORGANS						
Esophagus (150)	30	3.2	10	1.1	40	2.2
Gall Bladder & Bile Duct (156)	3	0.3	7	0.8	10	0.5
Large Intest. (colon) (153)	101	10.8	124	13.7	225	12.3
Liver & Intra Hep B.D. (155)	10	1.1	10	1.1	20	1.1
Pancreas (157)	51	5.5	47	5.2	98	5.3
Rectum (154)	21	2.3	28	3.1	49	2.7
Stomach (151)	33	3.5	24	2.7	57	3.1
GENITAL ORGANS						
Breast (174-175)	0	0.0	160	17.7	160	8.7
Ovary (183)	--	--	58	6.4	58	3.2
Prostate (185)	83	8.9	--	--	83	4.5
Uterus (179-182)	--	--	43	4.8	43	2.3
RESPIRATORY ORGANS						
Larynx (161)	14	1.5	9	1.0	23	1.3
Trachea, Bronchus & Lung (162)	307	32.9	124	13.7	431	23.5
URINARY ORGANS						
Bladder (188)	26	2.8	13	1.4	39	2.1
Kidney & Other (189)	16	1.7	12	1.3	28	1.5
OTHER SITES						
Brain & Nervous Sys. (191-192)	20	2.1	17	1.9	37	2.0
Lymph & Hemato:						
Leukemias (204-208)	35	3.8	26	2.9	61	3.3
All Other (200-203)	53	5.7	40	4.4	93	5.1
Pharynx (146-149)	11	1.2	4	0.4	15	0.8
Skin (172-173)	13	1.4	16	1.8	29	1.6
REMAINING SITES						
Remainder of (140-208)	106	11.4	130	14.4	236	12.9
TOTAL:	933	100.0	902	100.0	1,835	100.0

Accident Mortality

Accidents, 1983's fourth leading cause of resident mortality, was responsible for 332 deaths. The accident death rate was 34.7 per 100,000 population, 1.7 percent below the 1982 rate of 35.3 and 9.9 percent below the national 1983 rate of 38.5.

Motor-vehicle accident (MVA) deaths were responsible for more than half, 56.6 percent (188 of 332) of all accident mortality and substantially more males (131) than females (57) died as a result of such accidents. At time of death, male MVA victims were 25 median years of age while females were 30.3 median years of age.

Non-MVA deaths numbered 144 and of these, the majority were male, 92 compared to 52 female. The dominant source of non-MVA mortality was "falls" which accounted for 43 deaths.

TABLE 23 TYPE OF RESIDENT ACCIDENTAL DEATHS BY SEX, NEW HAMPSHIRE, 1983

Type of Accident & ICD-9 Code	- S E X - Male No.	Female No.	TOTAL NO.
Motor Vehicle (E810-E825)	131	57	188
Non-Motor Vehicle:	92	52	144
Falls (E880-888)	19	24	43
Fire (E890-899)	10	7	17
Drowning (E910)	9	5	14
Machinery (E919)	4	0	4
Poisoning (E850-E869)	7	3	10
Air/Space Transport (E840-E845)	1	0	1
Asphyxia (Food/Object)(E911-E912)	8	2	10
Firearms (E922)	3	0	3
Electric Current (E925)	2	0	2
ALL OTHER (Residual, E800-807, E826-E949)	29	11	40
TOTAL	223	109	332

TABLE 24 RESIDENT DEATH RATES[1] FOR MOTOR VEHICLE[2] AND ALL OTHER ACCIDENTS[3] BY COUNTY, NEW HAMPSHIRE, 1979-1983

COUNTY	- YEAR AND RATE - 1979		1980		1981		1982		1983		5 Year Average 1979-1983	
	MVA	OTH.	MVA	OTH.	MVA	OTH.	MVA	OTH.	MVA	OTH.	MVA	OTH.
Belknap	28.4	26.1	4.7	14.0	16.0	25.1	20.2	22.4	15.7	22.4	17.0	22.0
Carroll	48.9	22.6	25.1	21.5	20.8	24.3	38.1	13.8	31.2	27.7	32.8	22.0
Cheshire	18.0	18.0	17.7	16.1	20.7	22.3	15.6	23.4	15.5	14.0	17.5	18.8
Coos	30.4	22.1	17.1	31.3	14.2	25.6	25.0	16.7	19.7	28.2	21.3	24.8
Grafton	16.3	21.1	19.8	15.2	21.0	36.0	23.8	22.3	6.0	17.8	17.4	22.5
Hillsborough	17.7	19.6	17.0	13.0	10.3	14.6	15.4	12.9	18.1	11.8	15.7	14.4
Merrimack	13.0	29.3	25.4	13.2	16.1	24.1	18.8	13.8	22.6	14.8	19.2	19.0
Rockingham	25.0	16.8	25.7	16.8	16.9	18.5	18.7	18.2	23.8	15.9	22.0	17.2
Strafford	14.4	18.0	22.2	10.5	20.8	20.8	25.0	10.2	20.3	12.4	20.5	14.4
Sullivan	29.7	26.7	11.1	11.1	27.5	35.7	13.4	21.5	26.7	8.0	21.7	20.6
STATE	20.8	20.7	19.9	14.9	16.1	26.0	19.1	16.2	19.6	15.1	19.1	18.6

1. Per 100,000 population in the specified county.
2. ICD 9th Revision codes: E810-E825.
3. ICD 9th Revision codes: E800-E807, E826-E949.

TABLE 25 NUMBER OF RESIDENT DEATHS[1] FOR 25 SELECTED CAUSES OF DEATH WITH ICD9 CODE NO.[2] BY COUNTY & SELECTED LOCATIONS, NEW HAMPSHIRE, 1983

	TOTAL DEATHS	Certain Intestinal Infections (007-009)	Tuberculosis (010-018)	Septicemia (038)	Malignant Neoplasms (140-208)	Diabetes Mellitus (250)	Anemias (280-285)	Diseases of the Heart (390-398,402,404-429)	Hypertension (401, 403)	Cerebrovascular Disease (430-439)	Atherosclerosis (440)	Pneumonia & Influenza (480-487)	Chronic Obstructive Pulmonary Disease (490-496)	Ulcer,Stomach & Duodenum (531-533)	Hernia & Intestinal Obstruction (550-553, 560)	Chronic Liver Disease & Cirrhosis (571)	Nephritis; Nephrotic Syndrome, Nephrosis(580-589)	Infections of Kidney (590)	Maternal Causes (630-676)	Congenital Anomalies (740-759)	Conditions in Early Infancy (760-779)	Symptoms, Signs, Ill Defined Conditions (780-799)	Motor Vehicle Accidents (E810-E825)	All Other Accidents (E800-E807, E826-E949)	Suicide (E950-E959)	Homicide (E960-E978) and Legal Intervention	All Other Causes
GRAND TOTAL:	7902	7	2	50	1835	153	10	2954	30	609	130	240	290	29	20	112	61	4	0	49	52	44	188	144	105	17	767
BELKNAP COUNTY:	442	1	0	3	93	7	0	173	2	31	14	16	14	3	0	8	4	1	0	2	0	6	7	10	1	1	45
Alton	26		0		10	0	0	3			0	3		0	0		0	0	0	0	0	0	0		0		3
Belmont	38	0	0	0	11		0	13	0		0			0	0	0			0		0		0			0	2
Gilford	32	0	0		11	0	0	15	0		0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	4
Laconia	187		0		34	5	0	61		17	13	7			0	5		0	0	0		4		3		0	24
Meredith	52	0	0	0	5		0	27	0	5	0		3	0	0		0		0	0	0				0	0	6
Tilton	53	0	0		10		0	29			0	0	4		0	0		0	0		0		0		0		2
Remainder of County	54	0	0	0	12	0	0	25	0	3	1	1	3	0	0	1	0	0	0	0	0	0	3	1	0	0	4
CARROLL COUNTY:	284	0	0	0	59	6	1	118	2	25	2	7	8	1	0	1	3	0	0	1	1	0	9	8	3	0	29
Conway	59	0	0	0	9		0	25					3	0	0	0		0	0	0		0		3		0	7
Ossipee	44	0	0	0	10		0	19	0	8	0				0		0	0	0	0	0	0		0		0	2
Wakefield	25	0	0	0	6	0	0	8					0	0	0	0	0	0	0	0	0	0	4	0	0	0	4
Wolfeboro	38	0	0	0	9		0	10		7	0				0			0	0	0		0	0		0		5
Remainder of County	118	0	0	0	25	1	1	56	0	8	1	2	3	0	0	0	1	0	0	1	0	0	2	5	1	0	11
CHESHIRE COUNTY:	559	0	0	3	121	17	0	204	5	55	11	17	21	3	1	6	2	2	0	4	6	1	10	9	13	0	48
Chesterfield	22	0	0	0	4	0	0	10	0			0	0	0	0	0	0	0	0	0		0		0		0	1
Hinsdale	26	0	0	0	7	0	0	15	0		0	0		0	0	0		0	0	0	0	0		0	0	0	2
Jaffrey	51	0	0		10	3	0	23	0	8	0	0	0		0		0	0	0	0	0		0	0		0	3
Keene	212	0	0		47	7	0	65		26	5	9	12				0	0	0			0		3		0	24
Swanzey	42	0	0	0	8		0	15	0	5				0	0	0	0	0	0		0			0		0	3
Walpole	22	0	0		6	0	0	7					0	0			0		0	0				0		0	2
Winchester	36	0	0	0	9		0	10		3				0	0		0	0	0	0	0	0	0	0	0	0	4
Remainder of County	148	0	0	0	30	4	0	59	1	8	2	3	7	0	0	1	1	1	0	1	3	0	5	6	7	0	9
COOS COUNTY:	416	0	0	2	101	8	1	134	4	45	4	14	16	3	0	8	1	0	0	3	1	2	7	10	3	0	49
Berlin	160	0	0	0	34	4		55		15		8	6	0	0		0	0	0		0		4	4		0	21
Colebrook	25	0	0		4	0	0	10			0			0	0	0	0	0	0		0	0				0	4
Gorham	27	0	0	0	8		0	11	0	3	0		0	0	0		0	0	0	0	0			0	0	0	1
Lancaster	53	0	0		14	0		13		11		0		0	0	0	0	0	0	0	0			3		0	8
Northumberland	27	0	0	0	11		0	8	0		0			0	0	0	0	0	0		0	0	0		0	0	4
Remainder of County	124	0	0	1	30	3	0	37	2	13	2	3	7	3	0	5	1	0	0	1	1	1	1	1	1	0	11

TABLE 25 NUMBER OF RESIDENT DEATHS[1] FOR 25 SELECTED CAUSES OF DEATH WITH ICD9 CODE NO.[2] BY COUNTY & SELECTED LOCATIONS, NEW HAMPSHIRE, 1983

	TOTAL DEATHS	Certain Intestinal Infections (007-009)	Tuberculosis (010-018)	Septicemia (038)	Malignant Neoplasms (140-208)	Diabetes Mellitus (250)	Anemias (280-285)	Diseases of the Heart (390-398,402,404-429)	Hypertension (401, 403)	Cerebrovascular Disease (430-439)	Atherosclerosis (440)	Pneumonia & Influenza (480-487)	Chronic Obstructive Pulmonary Disease (490-496)	Ulcer Stomach & Duodenum (531-533)	Hernia & Intestinal Obstruction (550-553, 560)	Chronic Liver Disease & Cirrhosis (571)	Nephritis; Nephrotic Syndrome, Nephrosis(580-589)	Infections of Kidney (590)	Maternal Causes (630-676)	Congenital Anomalies (740-759)	Conditions in Early Infancy (760-779)	Symptoms, Signs, Ill Defined Conditions (780-799)	Motor Vehicle Accidents (E810-E825)	All Other Accidents (E800-E807, E826-E949)	Suicide (E950-E959)	Homicide (E960-E978) and Legal Intervention	All Other Causes
GRAFTON COUNTY:	548	0	0	2	123	13	0	216	2	28	6	12	19	3	4	10	4	0	0	4	3	3	4	12	7	1	72
Ashland	11	0	0	0		0	0	6	0		0	0		0	0	0	0	0	0	0	0	0		0	0		3
Enfield	21	0	0	0			0	10	0	0	0	0	0		0	0		0	0	0		0	0	0		0	6
Hanover	37	0	0	0	9	0	0	12			0	4				0	0	0	0	0		0		0	0	0	5
Haverhill	52	0	0	0	14	0	0	21	0	0		0		0	0		0	0	0	0		0	0				9
Lebanon	105	0	0	0	21	3	0	41		5	0							0	0			3				0	15
Littleton	61	0	0	0	12	3	0	30	0	5		0	0	0	0		0	0	0		0	0	0		0	0	5
Plymouth	22	0	0	0	5		0	6	0		0			0	0		0	0	0	0	0	0	0		0		2
Remainder of County	239	0	0	2	58	6	0	90	1	16	3	4	10	0	1	4	3	0	0	2	0	0	3	6	3	0	27
HILLSBOROUGH COUNTY:	2361	1	1	13	558	44	3	869	6	183	61	69	102	9	2	37	24	0	0	15	14	12	52	34	33	9	210
Amherst	40	0	0	0	14		0	8	0					0	0	0	0	0	0	0	3	0		0		0	4
Antrim	14	0	0	0	3		0	7	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	2
Bedford	69	0	0	0	17	0	0	25	0	8				0	0	0		0	0	0		0	3			0	7
Goffstown	83	0		0	15		0	32	0	6	5	0	5	0	0		4	0	0		0	0	5			0	7
Hillsboro	37	0	0	0	6	0	0	13		3					0		0	0	0	0	0	0	0		0	0	6
Hollis	18	0	0	1	7		0	6	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Hudson	87	0	0	0	29		0	30	0	4		3	3		0	3		0	0			0	0			0	4
Manchester	1053			6	239	13		398	4	81	38	31	47	3		16	9	0	0	10		4	17	14	10	6	99
Merrimack	56	0	0	0	21		0	12	0					0	0	0	0	0	0	0		0	4		0	0	8
Milford	88	0	0	0	16	3	0	36	0	9		6	4	0	0	0	0	0	0	0	0	0		3	0	0	7
Nashua	547	0	0	6	124	13		205		49	6	17	25	0	0	12	5	0	0	3	3	6	10	4	7	3	47
Pelham	38	0	0	0	6		0	17	0	0			0	0	0			0	0	0	0					0	2
Peterborough	51		0	0	13	4	0	15	0	3	0		3		0	0		0	0		0	0		0		0	4
Weare	26	0	0	0	5	0	0	8	0		0	0	3	0	0	0	0	0	0	0		0	3			0	3
Wilton	24	0	0	0	10	0	0	9	0	0	0	0		0	0	0	0	0	0	0	0	0		0		0	1
Remainder of County	130	0	0	0	33	2	0	48	0	14	1	2	5	2	0	1	0	0	0	0	1	1	4	4	5	0	7
MERRIMACK COUNTY:	899	0	0	5	203	22	3	344	2	72	11	31	33	2	3	9	3	0	0	5	8	3	23	15	14	4	84
Allenstown	27	0	0	0			0	16	0			0						0	0	0	0	0	0	0		0	1
Andover	18	0	0	0	5	0	0	5	0		0			0	0	0		0	0	0		0			0	0	1
Boscawen	34	0	0	0	3		0	13	0					0		0		0	0		0	0	0	0			5
Concord	347	0	0	4	70	8		136		37	4	14	10		0		0	0	0	0	0		8	4	8		36
Epsom	45	0	0	0	8			20	0		0	5		0	0	0		0	0	0	0	0	3			0	2
Franklin	79	0	0	0	24		0	30	0	4			3	0		0	0	0	0				4	0		0	4
Hooksett	52	0	0	0	13		0	17	0	5					0		0	0	0			0	0		0	0	5
Hopkinton	35	0	0		9	0	0	16		0			3	0	0	0	0	0	0	0	0	0		0	0	0	1
New London	28	0	0	0	11	0	0	9	0	3	0	0		0	0		0	0	0	0	0	0	0	0	0	0	2
Pembroke	29	0	0	0	4		0	15	0	3				0	0		0	0	0	0	0	0	0	0	0	0	1
Pittsfield	21	0	0	0	6	0		6	0	0			0	0	0	0	0	0	0	0			0		0	0	2
Remainder of County	184	0	0	0	49	5	0	61	1	14	0	2	6	0	0	3	0	0	0	2	4	0	6	5	2	0	24

TABLE 25 NUMBER OF RESIDENT DEATHS[1] FOR 25 SELECTED CAUSES OF DEATH WITH ICD9 CODE NO.[2] BY COUNTY & SELECTED LOCATIONS, NEW HAMPSHIRE, 1983

	TOTAL DEATHS	Certain Intestinal Infections (007-009)	Tuberculosis (010-018)	Septicemia (038)	Malignant Neoplasms (140-208)	Diabetes Mellitus (250)	Anemias (280-285)	Diseases of the Heart (390-398,402,404-429)	Hypertension (401, 403)	Cerebrovascular Disease (430-439)	Atherosclerosis (440)	Pneumonia & Influenza (480-487)	Chronic Obstructive Pulmonary Disease (490-496)	Ulcer,Stomach & Duodenum (531-533)	Hernia & Intestinal Obstruction (550-553, 560)	Chronic Liver Disease & Cirrhosis (571)	Nephritis; Nephrotic Syndrome, Nephrosis(580-589)	Infections of Kidney (590)	Maternal Causes (630-676)	Congenital Anomalies (740-759)	Conditions in Early Infancy (760-779)	Symptoms, Signs, Ill Defined Conditions (780-799)	Motor Vehicle Accidents (E810-E825)	All Other Accidents (E800-E807, E826-E949)	Suicide (E950-E959)	Homicide (E960-E978) and Legal Intervention	All Other Causes
ROCKINGHAM COUNTY:	1389	2	1	16	349	19	2	489	4	90	11	47	44	3	3	18	8	1	0	11	14	12	48	32	19	2	144
Derry	118	0	0		42	0	0	40	0			6	3	0	0	3		0	0	0			4	4	3	0	5
Epping	32	0	0	0	10		0	10	0		0	0		0	0	0	0	0	0	0	0	0	0	0			5
Exeter	130	0	0	0	29	3	0	50	0	13		5	6	0				0	0	0	0	0	5		0	0	13
Hampstead	28	0	0	0	7	0	0	12	0		0			0	0	0		0	0	0	0			0	0	0	2
Hampton	100	0	0		21			35	0	8	0	3	4		0	0	0	0	0	0	0	0	5		0		18
Londonderry	53		0		9	0	0	13	0			0	3	0	0		0	0	0			3		7	3	0	6
Newmarket	40	0	0	0	9	0	0	16	0	4	0	0		0	0	0	0	0	0			0			0	0	5
North Hampton	33	0			5	0	0	15		0		0		0	0		0	0	0	0	0	0		0		0	5
Plaistow	38	0	0	0	15	0		12	0		0		0	0	0		0	0	0		0		0	0	0	0	2
Portsmouth	212		0	3	51	3	0	81		18		10	5		0			0	0	0			0	6	3		21
Raymond	41	0	0	0	11		0	14	0		0	0		0	0		0	0	0	0		0			0	0	5
Rye	44	0	0	0	10	0	0	21		4		0		0	0	0	0	0	0	0				0	0	0	4
Salem	151	0		4	34			51	0	11	3	3	5					0	0	4		3	8			0	10
Seabrook	59		0	0	20		0	19			0	0		0	0	0	0	0	0			0	0		0	0	9
Windham	22	0	0	0	6	0	0	7	0		0		0	0	0	0	0	0	0	0	0	0		0	0	0	5
Remainder of County	288	0	0	4	70	4	1	93	0	19	1	16	8	0	0	5	1	1	0	3	4	1	14	6	7	1	29
STRAFFORD COUNTY:	666	3	0	0	158	13	0	261	2	59	9	14	20	2	3	12	7	0	0	3	4	5	18	11	10	0	52
Barrington	18	0	0	0	4		0	7	0	0			0	0	0	0		0	0	0	0	0		0	0	0	1
Dover	212		0	0	56	4	0	78		20	5	4	7			6	3	0	0		0		4			0	17
Durham	19	0	0	0	5	0	0	9	0	0	0		0	0			0	0	0	0	0	0	0	0	0	0	1
Farmington	46		0	0	9		0	22	0	4	0	0	0	0	0			0	0	0					0	0	3
Rochester	205	0	0	0	50	4	0	74		23	0		9	0				0	0				5	4	7	0	17
Somersworth	93		0	0	22		0	42		5	3	4			0	0	0	0	0		0	0	0	3	0	0	8
Remainder of County	73	1	0	0	12	2	0	29	0	7	0	1	2	0	0	0	0	0	0	1	1	2	7	1	2	0	5
SULLIVAN COUNTY:	338	0	0	6	70	4	0	146	1	21	1	13	13	0	4	3	5	0	0	1	1	0	10	3	2	0	34
Charlestown	42	0	0		11		0	15		0	0	3		0	0	0		0	0	0	0	0			0	0	5
Claremont	139	0	0	3	28		0	64	0	8		4	8	0				0	0		0	0	3			0	12
Newport	60	0	0		10		0	24	0	7	0	3		0				0	0	0	0	0		0		0	6
Sunapee	14	0	0	0	3	0	0	8		0		0	0	0	0	0	0	0	0		0	0	0	0	0	0	3
Remainder of County	83	0	0	1	18	1	0	35	0	6	0	3	2	0	1	0	2	0	0	0	1	0	3	2	0	0	8

1. The data are presented so that no town number of less than three for a specific cause appears, to meet confidentiality requirements. Therefore, town numbers will not always sum to county totals nor will numbers for specific causes always sum to the town totals.
2. The nomenclature for the causes of death generally coincides with that appearing in the national reports of the National Center for Health Statistics.

-INFANT, NEONATAL AND FETAL MORTALITY -

Infant Deaths

1983 resident infant deaths numbered 115, 40 fewer than in 1982 and the infant mortality rate dropped from 11.0 to 8.4 deaths per 1,000 live births, a record low for the State of New Hampshire. The 1983 rate is also lower than the 1983 U.S. rate of 10.9, by 22.9 percent.

A majority of these deaths took place at under seven days of age, 58.3 percent (67 of 115) while 39.1 percent (45) occurred under one day of life. Among selected causes of death (see Table 28) congenital anomalies was the leading cause of mortality, accounting for 33 of total infant deaths.

Neonatal Deaths

Resident neonatal deaths totaled to 78 compared to 120 for the previous year. The death rate was 5.7 for every 1,000 live births in contrast to the 1982 rate of 8.5.

Perinatal and Fetal Deaths

In 1983, the perinatal death rate was 10.1 per 1,000 live births plus fetal deaths in comparison with the 1982 rate of 13.5.

Reports of 1983 fetal deaths amounted to 72, 15 fewer than the 1982 total of 87. The corresponding death rate was 5.2 per 1,000 live births plus fetal deaths.

Fetal mortality was highest among mothers under 20 years of age at a rate of 9.8 deaths per 1,000 deliveries and among mothers age 35 years and over, at a rate of 9.3. It was lowest for mothers of 25 to 29 years, 2.9 per 1,000 deliveries.

TABLE 26 RESIDENT FETAL, EARLY NEONATAL, PERINATAL, NEONATAL AND INFANT DEATH RATES* BY COUNTY, NEW HAMPSHIRE, 1983

COUNTY	Fetal Deaths		Early Neonatal Deaths		Perinatal Deaths		Neonatal Deaths		Infant Deaths	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Belknap	6	9.8	2	3.3	8	13.0	2	3.3	5	8.2
Carroll	3	7.7	1	2.6	4	10.3	1	2.6	1	2.6
Cheshire	5	5.9	10	11.8	15	17.6	11	13.0	11	13.0
Coos	0	0.0	3	7.3	3	7.3	3	7.3	4	9.7
Grafton	5	5.7	3	3.5	8	9.2	3	3.5	5	5.8
Hillsborough	21	4.9	19	4.4	40	9.3	20	4.7	35	8.2
Merrimack	7	5.1	10	7.4	17	12.5	13	9.6	15	11.1
Rockingham	13	4.2	15	4.9	28	9.1	20	6.5	28	9.2
Strafford	4	2.9	3	2.2	7	5.2	4	3.0	10	7.4
Sullivan	8	15.4	1	1.9	9	17.3	1	1.9	1	1.9
STATE	72	5.2	67	4.9	139	10.1	78	5.7	115	8.4

*Fetal and perinatal death rates are per 1,000 live births plus fetal deaths, in specified county. Early neonatal, neonatal and infant death rates are per 1,000 live births, in specified county.

TABLE 27 NUMBER OF RESIDENT INFANT DEATHS BY SEX AND NUMBER ACCORDING TO AGE, BY COUNTY
NEW HAMPSHIRE, 1983

COUNTY	TOTAL	SEX		AGE												
		MALE	FEMALE	Under 1 Hr.	1-23 Hrs.	1 Day	2 Days	3 Days	4 Days	5-6 Days	7-13 Days	14-20 Days	21-27 Days	1 Mon.	2 Mon.	3-5 Mon.	6-11 Mon.
Belknap	5	2	3	0	0	0	0	0	1	1	0	0	0	0	0	1	2
Carroll	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Cheshire	11	5	6	0	3	1	4	1	0	1	0	0	1	0	0	0	0
Coos	4	2	2	0	3	0	0	0	0	0	0	0	0	0	0	1	0
Grafton	5	2	3	0	3	0	0	0	0	0	0	0	0	0	0	2	0
Hillsborough	35	23	12	4	10	1	1	0	1	2	1	0	0	8	4	1	2
Merrimack	15	9	6	2	7	0	1	0	0	0	2	1	0	1	0	1	0
Rockingham	28	21	7	0	10	1	1	1	0	2	3	2	0	3	2	1	2
Strafford	10	8	2	1	0	1	1	0	0	0	0	0	1	0	0	5	1
Sullivan	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
STATE	115	74	41	8	37	4	8	2	2	6	6	3	2	12	6	12	7

TABLE 28 CAUSES OF RESIDENT INFANT DEATHS* BY SEX ACCORDING TO AGE, NEW HAMPSHIRE, 1983

CAUSE OF DEATH WITH ICD-9 NO.	SEX	AGE						
		Under One Hour	1-23 Hours	1-6 Days	7-27 Days	One Month	2-11 Months	Total Under 1 Yr
Pneumonia & Influenza (480-487)	M	0	0	0	0	0	0	0
	F	0	0	1	0	0	0	1
	M & F	0	0	1	0	0	0	1
Congenital Anomalies (740-759)	M	1	5	7	1	3	4	21
	F	1	3	5	2	0	1	12
	M & F	2	8	12	3	3	5	33
Disorders relating to short gestation & unspecified low birthweight (765)	M	0	3	0	0	0	0	3
	F	0	3	0	0	0	0	3
	M & F	0	6	0	0	0	0	6
Birth trauma (767)	M	0	0	0	0	0	0	0
	F	0	0	1	0	0	0	1
	M & F	0	0	1	0	0	0	1
Intrauterine hypoxia & birth asphyxia (768)	M	1	1	1	0	0	0	3
	F	0	0	0	0	0	0	0
	M & F	1	1	1	0	0	0	3
Respiratory distress syndrome (769)	M	0	3	2	2	0	0	7
	F	0	3	0	0	0	0	3
	M & F	0	6	2	2	0	0	10
Other conditions originating in perinatal period (760-764, 766, 770-779)	M	2	10	4	1	1	0	18
	F	3	6	1	2	0	0	12
	M & F	5	16	5	3	1	0	30
Sudden infant death syndrome (798.0)	M	0	0	0	1	2	9	12
	F	0	0	0	2	3	3	8
	M & F	0	0	0	3	5	12	20
All other causes (Residual)	M	0	0	0	0	3	7	10
	F	0	0	0	0	0	1	1
	M & F	0	0	0	0	3	8	11
TOTAL	M	4	22	14	5	9	20	74
	F	4	15	8	6	3	5	41
	M & F	8	37	22	11	12	25	115

*Cause of death classification and ICD-9 codes comparable to those used in national vital statistics reports of the National Center for Health Statistics.

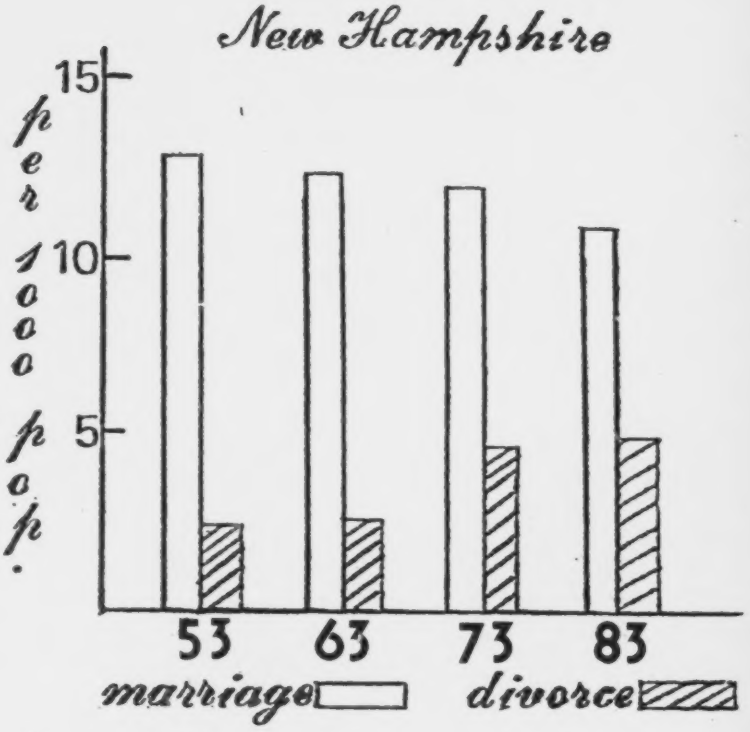
-MARRIAGE & DIVORCE -

Marriage

In 1983, 10,971 marriages were performed in New Hampshire, 387 more than in 1982 and the marriage rate reached 11.4 per 1,000 population, slightly above the 1982 rate of 11.1. The 1983 state rate of 11.4 is higher than the 1983 national rate of 10.5.

The 1983 median ages of both brides and grooms increased compared to last year. The median age of brides was 25.5 years as against 24.7 years in 1982 while grooms had a median age of 27.8 years in comparison with 27.1 for 1982.

The educational attainment of persons marrying in 1983 was slightly higher than in 1982. Grooms with one or more years of college accounted for 42.8 percent of the total in 1983. This percentage was 42.2 in 1982. The percentage of brides with one or more years of college rose from 40.9 percent in 1982 to 41.9 in 1983.



First marriages for both bride and groom as a percentage of all marriages increased from 50.9 percent in 1982 to 51.3 percent in 1983.

Divorce

The divorce rate declined for the fourth year in a row and decreased from 5.3 per 1,000 population in 1982 to 5.0 in 1983. The 1983 state rate is the same as the 1983 U.S. divorce rate of 5.0.

Half of all 1983 divorces took place before 7.6 median years of marriage, reflecting a slight drop in the duration of marriages ending in divorce since 1982 when the median was 7.8 years.

The number of divorces involving minor children was 2,882, 60 percent of all dissolutions and the number of minors totaled to 5,122. Of divorces involving minors, 96.4 percent (2,778) were open to contests over the award of physical custody of the minor children. In most of these cases (2,507 or 90.2 percent) the court's award of physical custody was not contested while the award was disputed in 271 (9.8 percent) instances.

In cases where the court's physical custody award had not been contested, the mother of the minor childen was the recipient of custody most frequently, 82.1 percent of the time while the father received custody 8.6 percent of the time. On 159 occasions (6.3 percent) "split" physical custody was the outcome, with each parent given custody of at least one child.

Where the award of physical custody was in contention (271 divorces) mothers acquired custody in 76.4 percent of these cases while fathers received 12.6 percent of the custody awards. Split custody was the result in 5.2 percent of contested cases. See Table 33.

TABLE 29 AGE OF BRIDE BY AGE OF GROOM, MARRIAGE OCCURRENCES, NEW HAMPSHIRE, 1983

AGE OF GROOM	— AGE OF BRIDE —																				
	TOTAL	13-17	18-19	20-21	22-23	24-25	26-27	28-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+
13 TO 17	6	1	2	1																
18 TO 19	299	42	156	76	15	5	2	2	1											
20 TO 21	1001	42	347	381	138	35	29	12	12	3	1						1			
22 TO 23	1394	21	246	450	418	136	55	25	29	12		1	1							
24 TO 25	1380	6	111	272	396	310	135	76	59	12	2	1								
26 TO 27	1221	5	40	148	222	306	254	106	112	22	4	1	1							
28 TO 29	1016	5	36	82	148	197	208	152	146	31	9	2								
30 TO 34	1680	2	27	79	140	205	294	268	462	151	43	8	1							
35 TO 39	1132		15	29	52	83	118	124	334	256	85	27	6	1	1			1		
40 TO 44	642		5	8	12	25	30	51	141	167	148	38	11	4	1		1			
45 TO 49	373		1	3	4	10	10	18	47	78	104	64	27	5	1		1			
50 TO 54	281			1		1	7	6	27	39	73	61	41	18	6	1				
55 TO 59	203			1	1	1	2	5	5	21	29	47	49	25	8	6	2	1		
60 TO 64	141					1			6	5	16	12	31	29	26	10	5			
65 TO 69	91								3	2	5	11	11	13	29	14		1		
70 TO 74	58										2		3	7	11	18	13	3		1
75 TO 79	36									1	2	2	3	1	4	8	9	4	1	1
80 TO 84	14												1	2	2	4	2	1	2	
85 TO 99	3										1								1	1
TOTAL	10971	126	986	1531	1548	1315	1144	843	1384	800	524	275	186	105	89	61	34	13	4	3

TABLE 30 EDUCATION OF BRIDE BY EDUCATION OF GROOM, MARRIAGE OCCURRENCES, NEW HAMPSHIRE, 1983

LAST GRADE COMPLETED BY BRIDE

LAST GRADE COMPLETED BY GROOM		HIGH SCHOOL					COLLEGE					
	TOTAL	UNDER 9 YEARS	1 YR.	2 YRS.	3 YRS.	4 YRS.	1 YR.	2 YRS.	3 YRS.	4 YRS.	OVER 4 YEARS	NOT STATED
8 YRS OR LESS	396	76	32	48	28	186	8	13	3	2		
1 YR HIGH SCHOOL	302	19	48	35	31	145	8	5	3	7		1
2 YRS HIGH SCHOOL	522	30	31	76	68	259	27	14	5	10	1	1
3 YRS HIGH SCHOOL	501	18	31	54	68	266	40	15	1	7		1
4 YRS HIGH SCHOOL	4540	64	112	217	234	2698	387	392	122	240	71	3
1 YR COLLEGE	750	4	12	21	23	350	125	94	31	67	22	1
2 YRS COLLEGE	1120	14	12	19	21	444	146	196	70	154	43	1
3 YRS COLLEGE	380	2	2	5	8	122	45	65	42	66	23	
4 YRS COLLEGE	1532	8	4	9	7	335	110	244	99	582	134	
OVER 4 YRS	913	1	2	1	4	151	66	101	71	263	252	1
NOT STATED	15	1				3						11
TOTAL	10971	237	286	485	492	4959	962	1139	447	1398	546	20

TABLE 31 NUMBER OF MARRIAGE FOR BRIDE BY NUMBER OF MARRIAGE FOR GROOM, MARRIAGE OCCURRENCES, NEW HAMPSHIRE, 1983

THIS MARRIAGE FOR GROOMS	THIS MARRIAGE FOR BRIDE					
	TOTAL	FIRST	SECOND	THIRD	FOURTH	FIFTH OR MORE
FIRST	6865	5632	1086	130	12	5
SECOND	3373	1194	1781	342	51	5
THIRD	631	136	334	134	20	7
FOURTH	87	15	49	18	3	2
FIFTH	8	2	4	1		1
SIXTH	3	1	1			1
SEVENTH	1	1				
EIGHTH	2		1	1		
NINTH	1	1				
TOTAL	10971	6982	3256	626	86	21

TABLE 32 NUMBER OF DIVORCES AND NUMBER INVOLVING MINOR CHILDREN WITH NUMBER OF MINORS, BY COUNTY, NEW HAMPSHIRE, 1983

DIVORCES AND MINORS	- COUNTY* -										
	Belk.	Carr.	Ches.	Coos	Graf.	Hills.	Merr.	Rock.	Straf.	Sull.	TOTAL
All Divorces	256	121	318	130	299	1456	467	1100	455	203	4805
No.Divorces with Minors	172	70	199	88	185	876	289	622	262	119	2882
No.of Minors	323	120	362	177	307	1564	548	1070	438	213	5122

* County of issuance of decree of dissolution

TABLE 33 AWARD OF PHYSICAL CUSTODY OF MINOR CHILDREN IN UNCONTESTED AND CONTESTED CASES OF PHYSICAL CUSTODY AWARDS, DIVORCE OCCURRENCES, NEW HAMPSHIRE 1982 & 1983

Physical Custody Awarded to:	CUSTODY CASES							
	Uncontested[1]				Contested			
	1982		1983		1982		1983	
	No.	%	No.	%	No.	%	No.	%
Mother	1958	80.7	2058	82.1	394	77.1	207	76.4
Father	227	9.4	215	8.6	51	10.0	34	12.6
Mother & Father Jointly	57	2.3	20	0.8	25	4.9	4	1.5
Split[2]	134	5.5	159	6.3	29	5.7	14	5.2
All Other	51	2.1	55	2.2	12	2.3	12	4.4
TOTAL[3]	2427	100.0	2507	100.0	511	100.0	271	100.0

1. Includes defaulted cases.
2. Custody of each child awarded on separate basis, with custody of one child or more given to mother and custody of one child or more, to father.
3. Total divorces with minors that were open to custody awards: 1982 - 2,938; 1983 - 2,778.

- APPENDIX -

DEFINITIONS

Birth Weight	Weight of fetus or infant at time of delivery (normally recorded in pounds and ounces).
Deliveries	Live births and fetal deaths.
Early Neonatal Death (or Hebdomadal Death)	Death occurring to an individual less than seven days of age.
Fetal Death (reportable)	Death prior to the complete expulsion or extraction from the mother of a product of conception, having passed through at least the 20th week of gestation (the weight of which is 350 grams or more); the fetus shows no signs of life such as a beating heartbeat, pulsation of the umbilical cord, or definite movement of voluntary muscles.
Gestational Period	Number of weeks elapsed between the first day of the last menstrual period and date of delivery.
Out-of-Wedlock Birth	Birth record states mother "not married" on date of child's birth.
Infant Death	Death occurring to an individual less than 1 year of age.
Late Neonatal Death	Death occurring between 7 and 28 days after birth.
Live Birth	A live birth is a complete expulsion or extraction from its mother a product of conception, irrespective of the duration of pregnancy which, after such separation, breathes or shows any other evidence of life, such as beating of the heart, pulsation of the umbilical cord, or a definite movement of voluntary muscles.
Live-Birth Order	Order number is equal to number of previous live births plus current birth.
Low Birth Weight	Birth wherein the birth weight is less than 2500 grams (approximately 5 lbs. 8 oz.).
Maternal Death	Those deaths wherein the physician has designated a maternal condition as the underlying cause of death.
Neonatal Death	Death occurring to an infant less than 28 days of age.
Occurrence	Place where event actually occurred regardless of residence.
Perinatal Death	Fetal Death or a death under one week of age.
Race	Race of mother, father, or decedent is as stated on certificate.
Residence	Usual place of residence for person to whom event occurred. For births and fetal deaths residence is defined as the mother's usual place of residence.

-APPENDIX-

RATE FORMULAS

Age-Adjusted Death Rate = (Age-Specific Death Rates/X/Proportion of standard population in Specific Age Group)

Age-Specific Birth Rate = $\frac{\text{No. of Resident Live Births for a Specific Age of Mother}}{\text{Tot. Female Population of Specific Age (Mid Year)}} \times 1000$

Age-Specific Death Rate = $\frac{\text{No. of Deaths in a Specific Age Group}}{\text{Tot. Resident Population in Specific Age Group}} \times 100{,}000$

Crude Birth Rate = $\frac{\text{No. of Resident Live births}}{\text{Total Resident Population (Mid-Year)}} \times 1{,}000$

Crude Death Rate = $\frac{\text{No. of Resident Deaths}}{\text{Total Resident Population (Mid-Year)}} \times 1{,}000$

Divorce Rate = $\frac{\text{No. of Divorces, Annulments, Leg. Separations}}{\text{Tot. Resident Population (Mid Year)}} \times 1{,}000$

Early Neonatal Death (or Hebdomadal Death) Rate = $\frac{\text{No. of Early Neonatal Deaths}}{\text{Total Resident Live Births}} \times 1{,}000$

Fertility Rate = $\frac{\text{No. of Resident Live Births}}{\text{Tot. Resident Female Population (15-44)}} \times 1{,}000$

Fetal Death Rate = $\frac{\text{No. of Resident Fetal Deaths}}{\text{No. of Res. Live Births \& Res. Fetal Deaths}} \times 1{,}000$

Out-of-Wedlock Birth Rate = $\frac{\text{No. of Out-of-Wedlock Births}}{\text{Total Resident Live Births}} \times 1{,}000$

Infant Death Rate = $\frac{\text{No. of Infant Deaths}}{\text{Total Resident Live Births}} \times 1{,}000$

Low-weight Birth Rate = $\frac{\text{No. of Live Births (Less than 2500 grams)}}{\text{Total Resident Live Births}} \times 1{,}000$

Marriage Rate = $\frac{\text{No. of Marriages}}{\text{Tot. Resident Population (Mid Year)}} \times 1.000$

Maternal Death Rate = $\frac{\text{No. of Maternal Deaths}}{\text{Total Resident Live Births}} \times 10{,}000$

Neonatal Death Rate = $\frac{\text{No. of Neonatal Deaths}}{\text{Total Resident Live Births}} \times 1{,}000$

Perinatal Death Rate = $\frac{\text{No. of Perinatal Deaths}}{\text{Resident Fetal Deaths}} \times 1{,}000$

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